

19990709.qrp v01_n513.qrl.990709

Date: Fri, 9 Jul 1999 19:03:30 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1513

QRP-L Digest 1513

Topics covered in this issue include:

- 1) [44633] Results of the JULY SPARTAN SPRINT
by "Russ Carpenter" <russ@natworld.com>
- 2) [44634] Re: QRP ARCI contest rules question
by Buck Switzer <n8cqa@tir.com>
- 3) [44635] Re: SPC
by Terry Bendell <terryb@bmts.com>
- 4) [44636] Re: Utilizing cheap RS radios?
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 5) [44637] mfj 901 tuner question
by "K. Babcock, N8WVD" <casey@mufn.org>
- 6) [44638] Re: SPC
by Pete Burbank <plburbank@kih.net>
- 7) [44639] Fw: Virtual Ham Radio
by "Randy Jouett" <rules@bellsouth.net>
- 8) [44640] Re: Michigan Mighty Mite With Electronic Keyer Problems
by Larry East <w1hue@amsat.org>
- 9) [44641] RS #21-5123
by Ron <rong@slip.net>
- 10) [44642] Re: National Park Expedition Day
by Jeff <fantbb@yahoo.com>
- 11) [44643] Re: SPC
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 12) [44644] Re: Virtual Ham Radio
by "Randy Jouett" <rules@bellsouth.net>
- 13) [44645] Re: Michigan Mighty Mite With Electronic Keyer Problems
by "Randy Jouett" <rules@bellsouth.net>
- 14) [44646] Re: Info needed on Dressler ara900 Active Antenna
by "Bill Fairbanks" <BILLFAIRBANKS@worldnet.att.net>
- 15) [44647] Re: Very Strange Request
by Henry Knoll <knoll003@tc.umn.edu>
- 16) [44648] Figuring required AmpHour needs
by "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
- 17) [44649] Re: Virtual Ham Radio
by Bob Nielsen <nielsen@primenet.com>
- 18) [44650] Converting Drake 4W to QRP
by "Randy Jouett" <rules@bellsouth.net>
- 19) [44651] RS SWR meter @ \$1.99

- by Ron <rong@slip.net>
- 20) [44652] GPS Down?
by Richard Arland <k7sz@epix.net>
- 21) [44653] CQC Run for the Trees this Saturday!
by "Marshall Emm" <mgemm@mtechnologies.com>
- 22) [44654] Re: Virtual Ham Radio
by "John Moriarity" <k6qq@hdo.net>
- 23) [44655] Re: Virtual Ham Radio
by "Randy Jouett" <rules@bellsouth.net>
- 24) [44656] Re: GPS Down?
by "Rod Cerkoney" <rlw@frii.com>
- 25) [44657] Re: Virtual Ham Radio
by Pete Burbank <plburbank@kih.net>
- 26) [44658] Re: Virtual Ham Radio
by "Randy Jouett" <rules@bellsouth.net>
- 27) [44659] Re: Virtual Ham Radio
by "Randy Jouett" <rules@bellsouth.net>
- 28) [44660] Looking forward to the Sprint.....
by "John F Marranca, Jr" <jmarran@juno.com>
- 29) [44661] Re: Virtual Ham Radio
by mwattcpa@earthlink.net (Marty Watt)
- 30) [44662] Radials
by aweiss@usd.edu (Ade Weiss W0RSP)
- 31) [44663] Not QRP....Dodge P/U
by Monte Stark <ku7y@dri.edu>
- 32) [44664] The Grayline
by aweiss@usd.edu (Ade Weiss W0RSP)
- 33) [44665] Virtual Ham Radio
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 34) [44666] need help....TT HR-50 keyer
by David Kidd <ka7ozo@pacifier.com>
- 35) [44667] SETI@HOME
by Bob Patten <n4bp@bc.seflin.org>
- 36) [44668] Re: Virtual Ham Radio
by "Randy Jouett" <rules@bellsouth.net>
- 37) [44669] Re: Radials
by "dor" <elbc@pivot.net>
- 38) [44670] Re: Metal-cased 2N2222A's ???
by K4AHK@ix.netcom.com
- 39) [44671] Re: [SETI@HOME]
by Michael Fletcher <kl7ixi@usa.net>
- 40) [44672] KI6DS to attend NJQRP mtg Saturday
by "George Heron" <n2apb@erols.com>
- 41) [44673] The Grey line - by ZL2BIL - Read it FREE
by Jim Hale <kj5tf@yahoo.com>
- 42) [44674] Re: [SETI@HOME]
by Bob Patten <n4bp@bc.seflin.org>
- 43) [44675] Help needed, Germany & Canada

by Philip Karras <ke3fl@yahoo.com>
44) [44676] RE: SETI@HOME
by Dave Barrett <DBarrett@creo.com>
45) [44677] Re: SETI@HOME
by Ron Keener <rkeener@realtime.net>
46) [44678] vacation and QRV from SV8
by hb9dnn@gmx.net (Robert M. Ganter)
47) [44679] Sorry Everyone, it's fixed... WAS: GPS Down?
by "Paul R. Valko" <prvalko@oakland.edu>
48) [44680] (Fwd) [Elecrafft] K2 T-Shirts - check them out
by dareid@Synopsys.COM
49) [44681] Re: Radials
by Gary Slagel <gdslagel@yahoo.com>
50) [44682] sponsor QRP plaque
by Bruce Ratray <ratray@gpfn.sk.ca>
51) [44683] Re:Virtual Radio
by Bcieslak@ra.rockwell.com
52) [44684] FS/Trade- Schurr Profi
by "curt" <k3ivb@stargate.net>
53) [44685] DSW series parts label stickers downloadable
by Jim Giammanco <giamman@rouge.phys.lsu.edu>
54) [44686] Re:Virtual Radio
by Monte Stark <ku7y@dri.edu>
55) [44687] QRP plaque final
by Bruce Ratray <ratray@gpfn.sk.ca>
56) [44688] RE: GPS Down?
by "Alex Mendelsohn" <ai2q@ispchannel.com>
57) [44689] G4ZPY Paddle
by amr@ma.newweb.ne.jp
58) [44690] Re: GPS Down?
by Roger Hightower <n7kt@earthlink.net>
59) [44691] Now Showing: The ARS Sojourner
by Richard Fisher <ki6sn@yahoo.com>
60) [44692] Correction on KR-50
by David Kidd <ka7ozo@pacifier.com>
61) [44693] Re: Remember a QRP Xmtr Using a VN10K Transistor???
by Jim Stafford <w4qo@amsat.org>
62) [44694] Ft. Tuthill Just keeps gettin BETTER!
by Jerry Parker <jparker@fix.net>
63) [44695] Re: GPS Down?
by Philip L Carter <pcarter@gcfn.org>
64) [44696] Invisible Fence
by ke4qok@att.net
65) [44697] Re: "K2 Century 2K" Award
by "Jeffrey L. L. Greer" <wd4et@juno.com>
66) [44698] Deploying and Storing the Antenna.
by Ed Loranger <we6w@qsl.net>
67) [44699] Re:Virtual Radio

- by "Randy Jouett" <rules@bellsouth.net>
- 68) [44700] RE: Deploying and Storing the Antenna.
by Richard Powell <ripowell@mpna.com>
- 69) [44701] FINALLY--- Going to Tuthill
by Niel Skousen <nskousen@scientechn.com>
- 70) [44702] Virtual whatever
by Pete Burbank <plburbank@kih.net>
- 71) [44703] re G4ZPY Paddle
by amr@ma.newweb.ne.jp
- 72) [44704] RS SWR
by william h ross <k6mgo@juno.com>
- 73) [44705] Tuners (901)
by "K. Babcock, N8WVD" <casey@mufn.org>
- 74) [44706] MRX-40 Schematic
by "Phinizy, William" <wphinizy@filenet.com>
- 75) [44707] mobile operation - antenna grounds
by "Dave Benham" <dodgeboy@mindspring.com>
- 76) [44708] NJQRP MTG. - RIDE SHARE?
by S LYON <sslyon@worldnet.att.net>
- 77) [44709] GPS Down?
by Richard Arland <k7sz@epix.net>
- 78) [44710] Name that Key...
by "Robert P. Okas" <vintage@best.com>
- 79) [44711] Re: GPS Down?
by n5zgt@swcp.com (Brian Mileschosky)
- 80) [44712] Electrostatic Shielding - Transformers
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>

Date: Thu, 08 Jul 1999 16:17:32 -0700
From: "Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [44633] Results of the JULY SPARTAN SPRINT
Message-ID: <199907082313.QAA08678@guppy.pond.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

If the Spartan Sprints are a barometer of low power operating, then the QRP movement is in great shape. Every month, we have new calls, more operators, additional logs, and a quality experience.

In July, Sprinters made contacts on 40, 20, and 15 meters. We're crossing our fingers that 10 meters will stay open in the evening, so that the Sprints could occupy four, or perhaps five, bands. Please give both 80 and 10 a listen!

If you didn't tell us the weight of your station, or if your station weighed more than The Rock of Gibraltar, we assigned a weight of 30 pounds.

THE SKINNY DIVISION (sorted in order of points per pound)

Call	Name	80m	40m	20m	15m	10m	Total Qs	Wt.	Qs/ Pound
W5RXP	Rich	0	0	35	0	0	35	1.4	25.00
K0YO	Mike	0	0	19	0	0	19	1.0	19.00
K7GT	Allan	0	10	22	0	0	32	1.8	17.78
N7XJ	Bob	0	0	12	0	0	12	1.2	10.00
K1QM	Joel	0	15	13	1	0	29	3	9.67
KB7MBI	Alan	0	6	21	3	0	30	6	5.00
KK6MC/5	James	0	0	35	0	0	35	9	3.89
KQ6NO	Rick	0	6	0	0	0	6	1.6	3.75
N0IBT	Dave	0	0	18	4	0	22	6.5	3.38
N8NRG	Bill	0	0	12	0	0	12	4	3.00
WA4SQM	Ken	0	2	14	2	0	18	6.1	2.95
KJ5VW	Gary	0	0	13	0	0	13	5	2.60
KH6B	Dean	0	0	5	10	0	15	6	2.50
KI6SN	Richard	0	4	0	0	0	4	1.8	2.22
K4TKP	Terry	0	0	11	4	0	15	7	2.14
AB0GO	David	0	0	15	0	0	15	7	2.14
AA8PJ	Jeff	0	2	3	1	0	6	3	2.00
AA2VX	Mike	0	0	11	0	0	11	6	1.83
AA7QU	Russ	0	5	34	9	0	48	30	1.60
N2CQ	Ken	0	10	24	11	0	45	30	1.50
K5LN	Bill	0	0	43	0	0	43	30	1.43
W7SNV	Al	0	1	6	0	0	7	5.2	1.35
AF5Z	Bob	0	0	38	0	0	38	30	1.27
N9BPE	Carl	0	0	9	0	0	9	8	1.13
N07X	Alan	0	1	19	6	0	26	30	0.87
WB4HUC	Mike	0	0	9	6	0	15	18	0.83
WA3WSJ	Edward	0	0	19	5	0	24	30	0.80
WT9S	Jay	0	0	18	0	0	18	25	0.72
N3YVC	Mike	0	0	2	6	0	8	12	0.67
KB9LCK	Chris	0	2	6	0	0	8	12	0.67
N9QIL	Ken	0	0	3	0	0	3	6	0.50
KC0EJW	Robert	0	1	9	0	0	10	20	0.50
N4ROA	Dan	0	0	15	0	0	15	30	0.50
KQ0I	Mark	0	1	13	1	0	15	30	0.50
K04WX	Mike	0	0	8	0	0	8	21	0.38
KD4MSR	Scott	0	0	2	9	0	11	30	0.37
K6RPN	Doug	0	7	3	0	0	10	30	0.33
KA5T	Larry	0	0	8	0	0	8	30	0.27
WD8RCRF	John	0	0	6	1	0	7	30	0.23

WB40FT	John	0	0	6	0	0	6	30	0.20
KF2PH	Nick	0	0	5	0	0	5	30	0.17
VE6AAN	Pat	0	0	3	2	0	5	30	0.17
K06TS	John	0	1	3	0	0	4	30	0.13
WD6CCS	Bill	0	1	0	0	0	1	9	0.11
K6JS	Stodgel	0	0	2	1	0	3	30	0.10

THE TUBBY DIVISION (sorted in order of points)

Call	Name	80m	40m	20m	15m	10m	Total Qs
AA7QU*	Russ	0	5	34	9	0	48
N2CQ	Ken	0	10	24	11	0	45
K5LN	Bill	0	0	43	0	0	43
AF5Z	Bob	0	0	38	0	0	38
W5RXP	Rich	0	0	35	0	0	35
KK6MC/5	James	0	0	35	0	0	35
K7GT	Allan	0	10	22	0	0	32
KB7MBI	Alan	0	6	21	3	0	30
K1QM	Joel	0	15	13	1	0	29
N07X	Alan	0	1	19	6	0	26
WA3WSJ	Edward	0	0	19	5	0	24
N0IBT	Dave	0	0	18	4	0	22
K0Y0	Mike	0	0	19	0	0	19
WA4SQM	Ken	0	2	14	2	0	18
WT9S	Jay	0	0	18	0	0	18
K4TKP	Terry	0	0	11	4	0	15
KH6B	Dean	0	0	5	10	0	15
N4ROA	Dan	0	0	15	0	0	15
WB4HUC	Mike	0	0	9	6	0	15
AB0GO	David	0	0	15	0	0	15
KQ0I	Mark	0	1	13	1	0	15
KJ5VW	Gary	0	0	13	0	0	13
N7XJ	Bob	0	0	12	0	0	12
N8NRG	Bill	0	0	12	0	0	12
KD4MSR	Scott	0	0	2	9	0	11
AA2VX	Mike	0	0	11	0	0	11
K6RPN	Doug	0	7	3	0	0	10
KC0EJW	Robert	0	1	9	0	0	10
N9BPE	Carl	0	0	9	0	0	9
N3YVC	Mike	0	0	2	6	0	8
KA5T	Larry	0	0	8	0	0	8
K04WX	Mike	0	0	8	0	0	8
KB9LCK	Chris	0	2	6	0	0	8
W7SNV	Al	0	1	6	0	0	7
WD8RCRF	John	0	0	6	1	0	7
KQ6NO	Rick	0	6	0	0	0	6

WB4OFT	John	0	0	6	0	0	6
AA8PJ	Jeff	0	2	3	1	0	6
KF2PH	Nick	0	0	5	0	0	5
VE6AAN	Pat	0	0	3	2	0	5
KI6SN	Richard	0	4	0	0	0	4
K06TS	John	0	1	3	0	0	4
N9QIL	Ken	0	0	3	0	0	3
K6JS	Stodgel	0	0	2	1	0	3
WD6CCS	Bill	0	1	0	0	0	1

* Contest Manager not eligible

Thanks for your support of The Adventure Radio Society!

Russ Carpenter, AA7QU
Contest Manager

Date: Thu, 08 Jul 1999 19:18:07 -0600
From: Buck Switzer <n8cqa@tir.com>
To: nilsbull@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, n8cqa@tir.com
Subject: [44634] Re: QRP ARCI contest rules question
Message-ID: <37854DCF.167BF4BF@tir.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Nils R Young wrote:

>
> Gang,
>
> What's an SPC? I noticed in the destructions for the QRP ARCI shindig
> that's supposed to happen on Sunday, while I will be at the beach & thus
> unlikely to completely participate, that the exchange includes
>
> "RST, SPC . . . "
>
Nils - SPC = States/Provinces/Countries worked. Since you get credit for states and provinces, you can't count US or Canada as a country. See you on Sunday.

73 Buck N8CQA

Date: Thu, 08 Jul 1999 19:15:40 +500
From: Terry Bendell <terryb@bmts.com>
To: <plburbank@kih.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [44635] Re: SPC
Message-ID: <199907082316.TAA14886@Alice.BMTS.Com>
MIME-Version: 1.0

On 1999-07-08 plburbank@kih.net said:

>Nils,
>It's "Special Person Code"....usually a bar code tattooed on
>your right cheek(either end).
>Seriously tho I guess it means location but what the initials
>stand for is beyond me.
>Using initials for whatever is risky these days...try the Ford
>EEC-4 engine control system manuals....AARRGGHH!!!
>73 Pete NV4V

In technical statistical analysis it is an acronym for
"Statistical Process Control or SPC" meaning that a given method
of manufacturing components/parts is measurable and is plottable
and outcome is predictable based on various data accumulated throughout
the process. For example measuring wall gauge, outside diameter, inside
diameter, concentricity of a garden hose, overtime give a picture of
a process "In Control" that is all parts of the process working together
to achieve the Nominal value for said product. Just another bean in
the pot !!

Terry Bendell

Net-Tamer V 1.11.2 - Test Drive

Date: Thu, 8 Jul 1999 18:40:36 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44636] Re: Utilizing cheap RS radios?
Message-ID: <008c01bec99b\$48012120\$c937a497@aa5tb>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I use one of the older "Flavor Tones" radios as the IF receiver for my 10 GHz FM transceiver. I removed the nonessential AM stuff, changed some capacitors, and rewound some coils and now it is a wideband FM receiver tuned to my IF of 30 MHz. This was written up several years ago in one of the Microwave Update proceedings. Works great.

I don't know if the radios you speak of will convert as easy or not. I guess I'll have to check it out.

By the way, my 10 GHz rig is QRPp with about 10mW output on a 200 kHz bandwidth. But the 35dB gain antenna helps!

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Thu, 8 Jul 1999 19:40:47 -0700
From: "K. Babcock, N8WVD" <casey@mufn.org>
To: <qrp-1@lehigh.edu>
Subject: [44637] mfj 901 tuner question
Message-ID: <000b01bec9b4\$77cd6bc0\$02da6cc6@mufn.mufn.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I recently purchased the tuner noted above at a hamfest without a manual (Yeah, I know, but the price was right!) MFJ did not have a manual for this model on their website the last time I checked. My main problem is that I have a VERY high swr when trying to use the balanced line output.

Can any of you provide troubleshooting hints?

Thanks!

Kent, N8WVD

Date: Thu, 08 Jul 1999 19:54:21 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [44638] Re: SPC
Message-ID: <3.0.32.19990708195418.0068e44c@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>
> In technical statistical analysis it is an acronym for
> "Statistical Process Control or SPC" meaning that a given method
> of manufacturing components/parts is measurable and is plottable
> and outcome is predictable based on various data accumulated throughout
> the process. For example measuring wall gauge, outside diameter, inside
> diameter, concentricity of a garden hose, overtime give a picture of
> a process "In Control" that is all parts of the process working together
> to achieve the Nominal value for said product. Just another bean in
> the pot !!
>
>
>Terry Bendell
>
>Net-Tamer V 1.11.2 - Test Drive
>
>
>Tnx Terry, I get a bit weary of all the acronyms from various fields.
73 Pete NV4V

Date: Thu, 8 Jul 1999 19:02:19 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44639] Fw: Virtual Ham Radio
Message-ID: <003101bec99e\$8552bb80\$20e498cd@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Ian C. Purdie VK2TIP <ianpurdie@integritynet.com.au>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, July 08, 1999 5:53 PM
Subject: Virtual Ham Radio

Randy Jouett wrote:

>>
>> Well, I was doing a couple of hmmm's this afternoon,
>> and I came up with the idea of creating a virtual-ham-
>> radio environment on the web.
>
>Gee Randy, I thot I was headed in thata direction. Trying to steal my
>thunder son?.

Well, I have never heard you mention this before, Ian, other than the on-line course and all. On-line courses have be available on the Internet for many, many years, btw. You just so happened to pick up on an area that wasn't being considered.

Actually, your course would be easily integrated into the system. Also, I was thinking about asking you about using your on-line coarse if I decided to pursue the project.

Anywho, keep up the good work that you are doing with on-line electronic course and take care.

72/73,

Randy Jouett, AB5NI

P.S.

FLAME ON!

If you have mentioned a Virtual Radio Service before with all the things that I mentioned in my previous post, I'd love to see a link (message archive) to this/these message/messages.

FLAME OFF

Date: Thu, 08 Jul 1999 13:04:28 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-1@lehigh.edu

Subject: [44640] Re: Michigan Mighty Mite With Electronic Keyer Problems
Message-ID: <3.0.3.32.19990708130428.009255b0@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>From a recent post:

>So, as it stands, I'm gonna' replace the keying
>transistor with the 2N7000, add a relay on the
>output (with diode), and let her rip.

With a 2N7000, you probably won't need the relay -- try it first and see.

Also worth noting: If you use a relay, you won't need to replace the output transistor with a 2N7000. Overkill.

72, Larry W1HUE/7
w1hue@arrl.net

Date: Thu, 08 Jul 1999 17:50:18 -0700
From: Ron <rong@slip.net>
To: qrp-l@lehigh.edu
Subject: [44641] RS #21-5123
Message-ID: <3785474A.294@slip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

SWR & Field Strength meter. 3-30MHz. 21-5123 Picked it up for \$1.99.
Lists at 19.99. Don't know if this is a national price or not.

Date: Thu, 8 Jul 1999 17:54:08 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [44642] Re: National Park Expedition Day
Message-ID: <19990709005408.17955.rocketmail@web115.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Richard Brummer <obvious@bestweb.net> wrote:
> >QRP To The Parks or QTTP?

>
> >How about "Park Your Butt."
>
> You guys are too much !
>
> Considering that the event will be in August, maybe
> it should be subtitled
> "Sweat Your Butt Off" (SYBO).

I'll probably be at the Presidio in San Francisco so
it'll be FYBO (Freeze Your Butt Off) for me! 8-)

Jeff

===

Jeff Jones

AB6MB

NorCal QRP Club #65, QRP-L #1780

CW Forever!!!

Ghost Hunter

Owner of the Delta MudCats fantasy baseball team

Voicemail/Fax 1-888-Excite2 ext 925-439-2514

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Date: Thu, 8 Jul 1999 21:19:55 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Pete Burbank <plburbank@kih.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44643] Re: SPC
Message-ID: <Pine.GS0.4.10.9907082117190.26252-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In antenna tuner circles, SPC means Series-Parallel Capacitor in a CLC circuit. It is a modification of the standard C-L-C Tee circuit, so commonly used in commercial tuners that adds a variable capacitor across the shunt coil (hence, the parallel Capacitor to go with the series output capacitor--and these two are generally ganged by using a split stator capacitor).

-73-

LB, W4RNL

Date: Thu, 8 Jul 1999 20:14:23 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <w4bws@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44644] Re: Virtual Ham Radio
Message-ID: <006801bec9a9\$23e6d920\$20e498cd@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: w4bws@juno.com <w4bws@juno.com>
To: rules@bellsouth.net <rules@bellsouth.net>
Date: Thursday, July 08, 1999 5:27 PM
Subject: Re: Virtual Ham Radio

[Don: decided to post this to the group and see what
they think about it]

>have another tequila and get withit.
>\I'm sure you could get a lot of takers. I suggest you
>have a virtual CB 27 mhz band complete with expletives
>and then they can appreciate the ham radio.
>Don W4BWS

Well, I'm a Bud or Guinness beer drinker, Don, but I'll have
a few at your request :^). Love the idea about the
citizens' band and will make sure that the "real" channel
19 and channel 6 are piped into the program if I decide
to do this. Unfortunately, this would be a "giant" undertaking,
and I'd have to hire people to create something like this.
Unless the ARRL and other amateur organizations chipped
in and helped out with financial donations to a non-profit
organization, I doubt that this project will ever come to
light. It would be a fun thing to play around with, though!

72/73,

Randy Jouett, AB5NI

Date: Thu, 8 Jul 1999 19:58:36 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <w1hue@amsat.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44645] Re: Michigan Mighty Mite With Electronic Keyer Problems
Message-ID: <006601bec9a9\$21fae7a0\$20e498cd@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Larry East <w1hue@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, July 08, 1999 7:24 PM
Subject: Re: Michigan Mighty Mite With Electronic Keyer Problems

>>From a recent post:
>
>>So, as it stands, I'm gonna' replace the keying
>>transistor with the 2N7000, add a relay on the
>>output (with diode), and let her rip.
>
>With a 2N7000, you probably won't need the relay -- try it first and see.
>
>Also worth noting: If you use a relay, you won't need to replace the output
>transistor with a 2N7000. Overkill.

Hi Larry & Gangrene :^) :^),

I think I'll just use the 2N7000 then and be done with it. Less parts to worry about, huh? :^)

Thanks for the info!!

Randy Jouett, AB5NI

Date: Thu, 8 Jul 1999 21:44:12 -0400
From: "Bill Fairbanks" <BILLFAIRBANKS@worldnet.att.net>
To: <n4xy@att.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44646] Re: Info needed on Dressler ara900 Active Antenna
Message-ID: <19990709014205.TFEK2808@default>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed,

Dressler has a U.S. distributor: Broadband Power Technology located in Placentia, California. Call 714-528-7217 or Fax 714-528-3513 and they can give you all of the info that you need.

Bill

> From: Ed Tanton <n4xy@att.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Info needed on Dressler ara900 Active Antenna
> Date: Thursday, July 08, 1999 6:48 PM
>
> Greetings All... I recently obtained a Dressler ara900 Active
> Antenna-unfortunately without PS or papers. I need to know the various
> operating parameters: freq range; gain; voltage & current requirements;
> and
> some idea of the coaxial DC-isolation circuit component parameters used
> by
> Dressler (there is no power connector, and so I presume it passes the DC
> through the coax.) ANY help will be appreciated. Thanks.
>
> 72 / 73 Ed N4XY Elecraft K2 sn: 000057
>
> -----
> Ed Tanton N4XY EMAIL: n4xy@arrl.net
> 189 Pioneer Trail
> Marietta, GA 30068-3466 TEL: (770) 971-0436
>
> -----
> INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)
> *BoatAnchors *Test Equipment *Photography
> ~~~~~
> "Begin at the beginning... and go on until you come
> to the end: then stop."

>
> The White Rabbit, from "Alice In Wonderland"
> ~~~~~

Date: Thu, 08 Jul 1999 21:11:34 -0500
From: Henry Knoll <knoll003@tc.umn.edu>
To: ripowell@mpna.com
Cc: qrp-1@Lehigh.EDU
Subject: [44647] Re: Very Strange Request
Message-ID: <37855A56.4E57@tc.umn.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Dick

You wrote:

>someone who has a callbook from around 1974, and can look up WN6JBM

The QCWA has callbooks going way back. That's how I proved my first
licensing to them. E-mail them at jwalsh@teleport.com
and they will look it up for you. Nice guys. Join.

Web page at www.qcwa.org

73

Henry WA0GOZ

Date: Thu, 8 Jul 1999 21:32:53 -0500 (CDT)
From: "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
To: qrp-1@lehigh.edu
Subject: [44648] Figuring required AmpHour needs
Message-ID: <Pine.LNX.4.04.9907082103250.27943-100000@divis17.ped-gen.uiowa.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

hi all.

i've been volunteered to look into setting up a set of gel-cell batteries
to be used by the local ARC as part of emergency preparedness. in the
event of a need to operate for lengths of time from remote sites without

mains power we would send these centrally stored batteries to the site (btw- this scenario was real last year, but without the big batteries).

Here's the calculations and estimates i've done, i'd like input on what you all think, ie, where am i way off. i'm posting on qrp-l for 2 reasons - people here use battery power alot AND people here have huge stores of knowledge and experience. Therefore i am assuming that the answers might be of interest to a goodly percentage of the readers.

The radio to be used would be a typical VHF Base/Mobile, operating at 5W the vast majority of the time. There would be 2 batteries - one in use, one tranported back to someplace where there is power (if any). Targeting 18 hours effective use per battery

Here's my current thinking:

Receive current - 0.8 A

Transmit current - 5 A

Duty cycle (tx:rx) 0.2 :0.8 <=== is this too conservative?

Duty cycle weighted current draw = $(0.2)(5) + (0.8)(0.8) = 1.6$ A

Current draw x 18 hours = $18 \times 1.6 = 29$ AmpHr

Battery practical depletion limit = 50% Rated AmpHr capacity

? is 50% expecting too much or too little from a GelCell? I know a deep discharge can shorten the life of a battery, but in an emergency i can live with that, but not immediate fatal damage - we might need the battery for another cycle of charging during the same emergency. We also can not go so low as to overly compromise tx output due to decreased battery voltage.

Required AmpHr Capacity of Battery = $29 \text{ AH} / 0.5 = 58 \text{ AH}$

Additional modeling question: Assume we have 14 hours to recharge the battery using a constant voltage supply (5 Amp capable at 14.0 or 14.1V). With the charge rate decreasing as the battery voltage rises during charging, how close to "full" might we expect to get? Should we look at a constant current charger (with voltage limits) for rapid emergency charging? Should we go to a 3 battery rotation?

Since this should have broad interest to the group, i think answers should go to the list as a whole - but feel free to email me directly, and eventually i will post a "consensus statement".

tnx much.

--adam, ak0p

Adam B. Kanis, AK0P

adam-kanis@uiowa.edu QTH: Wellman, IA (Near Iowa City) EN41ck

--- ARRL:RSGB:QRP-ARCI:GQRP:QRP-L:NorCal:Iowa QRP:SEITS ---

** On the web at <http://genome33.ped-gen.uiowa.edu/hamradio> **

Date: Thu, 8 Jul 1999 20:05:22 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-1@lehigh.edu
Subject: [44649] Re: Virtual Ham Radio
Message-ID: <19990708200522.A10601@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Thu, Jul 08, 1999 at 03:41:08PM -0500, Randy Jouett wrote:

> Well, I was doing a couple of hmmm's this afternoon,
> and I came up with the idea of creating a virtual-ham-
> radio environment on the web. Basically, it would be
> a server-client setup with band, mode, and power-output
> selection, directed toward individuals who were looking
> into getting a ham ticket.

>
> Basically, after you'd logged on to the server via the
> client software and selected your band, mode, and
> power output, you would be presented with a VFO,
> volume level, and all the other controls on a standard
> ham rig. The user could tune and listen for other
> signals, send CQ (via space bar or "mouse keyer :^"),
> or listen to the virtual W1AW :^).

That's a step up from the old AEA Dr DX simulator (which was pretty good for its time).

Bob

--

Bob Nielsen	Internet: nielsen@primenet.com
Tucson, AZ	AMPRnet: w6swe@w6swe.ampr.org
DM42nh	http://www.primenet.com/~nielsen

Date: Thu, 8 Jul 1999 21:30:26 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44650] Converting Drake 4W to QRP
Message-ID: <000501bec9b9\$4d445850\$4c67d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was wondering if anyone out there in QRP land has converted a Drake 4W to QRP. If so, I'd really appreciate a schematic.

The lowest scale the thing has on it is 200 Watts, and I was thinking about changing this to 20 watts to retain linearity. These days, I'm using it on the 200-watt scale and guessing at the power output of my Mighty Mite. It's just barely moving the needle.

Anywho, if someone out there could steer me in the right direction, I'd really appreciate it!

72/73,

Randy Jouett, AB5NI

Date: Thu, 08 Jul 1999 20:30:25 -0700
From: Ron <rong@slip.net>
To: qrp-l@lehigh.edu
Subject: [44651] RS SWR meter @ \$1.99
Message-ID: <37856CD1.28C5@slip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry gang..

The correct number is 21-253.

I just dropped into my local RS and they had it on a table for \$1.99

They also had another one for 4.99 that had three power scales. 0-20, 0-200, and 0-2000 watts.

Maybe I should have grabbed that one too. It is still there I am sure.

Maybe I should pick it up tomorrow. I did not have much cash on me today.

Date: Thu, 08 Jul 1999 23:36:46 -0400
From: Richard Arland <k7sz@epix.net>

To: qrp-1@lehigh.edu
Subject: [44652] GPS Down?
Message-ID: <37856E4E.BD76F5E9@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For the last two days I have not been able to get my Garmin 38 GPS receiver to lock onto any GPS satellites. KA3QPQ has the same problem with his Magellan unit.

Something wrong with GPS?

RHA K7SZ

Date: Thu, 8 Jul 1999 21:38:56 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Subject: [44653] CQC Run for the Trees this Saturday!
Message-ID: <199907090337.VAA23658@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/enriched; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

<bigger>CCQ's anual picnic meeting will take place this Saturday. We have a lot of fun "events" lined up, but there is one that our more remote members and friends can participate in. We call it the "Run for the Trees" even though in fact there is maybe one actual tree in the immediate area.

We will start the Run at some time between noon and 1:30 (MST) and participating stations can use any band they like. At this point it looks like there will be five or six stations in it.

Here are the rules, and I hope you'll keep an ear out for us.

73

Marshall Emm

N1FN

Run for the Trees

Object is to carry a complete radio station from point A to point B, set it up, and make contact with one or more stations outside Colorado. The contact must not be prearranged, and you must exchange at least RST, QTH, and operator names.

You can use whatever you can carry at one time and you can use only what you have carried to your operating site..

You can set up anywhere you want in Daniels Park, and you MAY carry your gear down to the parking lot and drive to another location in the park.

Everyone will start at the same time from the patio of the picnic shelter.

Each operator will be assigned a "judge" who will observe the operation and report back to the command post.

The event will terminate after one hour, or a shorter time if the weather conditions are deemed to be hazardous. At the end of the event, the following achievements will be recognized.

1. First station to put a signal on air..

2. First station to work an out of state station (this will be the actual "winner" of the Run).
3. Station getting a weather report from the most distant location outside Colorado.
4. Station engaging in the longest QSO with a station outside CO.
5. Station making the greatest number of QSO's in the allotted time.

Good luck, and see you in the trees!

<nofill>

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

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<http://www.ohr.com>

(303)752-3382

--

Date: Thu, 8 Jul 1999 21:04:16 -0700

From: "John Moriarity" <k6qq@hdo.net>

To: <nielsen@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [44654] Re: Virtual Ham Radio

Message-ID: <005e01bec9c0\$1db8b2a0\$f9424cd1@k6qq>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

> That's a step up from the old AEA Dr DX simulator (which

was pretty good
> for its time).
>

Actually, the Dr. DX simulator would still be pretty good today!

I was working for AEA when the first "Contest Simulator" emerged. It was a stand alone unit that looked like a QRP transceiver. It was on my workbench one day when a friend, W7KJI, came to go to lunch with me. I told him it was a new product, and he should give it a whirl. I said there was "some contest" going on, "maybe QCWA" (the first prototype only had U.S. callsigns) and he should see what he could work. He spent the next fifteen minutes "working" stations. I then told him that the "radio" was so good that it didn't even need an antenna (and removed the dummy coax from the back). He was skeptical, but went on to "work" a few more stations. Then I finally told him it wasn't even a radio!! His answer was: "But what about all those stations I worked??"

The darn thing was pretty convincing!!

72,

John, K6QQ

Date: Thu, 8 Jul 1999 22:57:15 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <nielsen@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44655] Re: Virtual Ham Radio
Message-ID: <001901bec9bf\$b08d9d80\$4c67d6d1@spock>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Bob Nielsen <nielsen@primenet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, July 08, 1999 10:10 PM
Subject: Re: Virtual Ham Radio

>On Thu, Jul 08, 1999 at 03:41:08PM -0500, Randy Jouett wrote:
>> Well, I was doing a couple of hmmm's this afternoon,
>> and I came up with the idea of creating a virtual-ham-
>> radio environment on the web. Basically, it would be
>> a server-client setup with band, mode, and power-output
>> selection, directed toward individuals who were looking
>> into getting a ham ticket.
>>
>> Basically, after you'd logged on to the server via the
>> client software and selected your band, mode, and
>> power output, you would be presented with a VFO,
>> volume level, and all the other controls on a standard
>> ham rig. The user could tune and listen for other
>> signals, send CQ (via space bar or "mouse keyer :^"),
>> or listen to the virtual W1AW :^).
>
>That's a step up from the old AEA Dr DX simulator (which was pretty good
>for its time).

Hi Bob/Gang,

Yeah. I guess it would be, especially with the Internet allowing
us to pull stuff like this off. Bruce (W6TOY/3) was telling me
about that program in e-mail. I had a C64 (Altair, Pet, VIC 20,
and an Amiga or 3, too :^), but I never heard/read about that
program. How did it work/sound? Who would think the SID chip
in the 64 could pull something like that off! :^) :^)

72/73,

Randy Jouett, AB5NI

P.S.

Who remembers what "JSR \$FFD2" did? :^)

Date: Thu, 8 Jul 1999 22:06:45 -0600
From: "Rod Cerkoney" <rwc@frii.com>
To: <k7sz@epix.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44656] Re: GPS Down?
Message-ID: <001101bec9c0\$788f17a0\$b88611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just tried my GPS III. Got a lock on 4, 16, 18, 22 & 25. QTH Fort Collins,
CO.
Took quite a while though.

72/3 Rod, NØRC
da di dah

----- Original Message -----
From: Richard Arland <k7sz@epix.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, July 08, 1999 9:36 PM
Subject: GPS Down?

> For the last two days I have not been able to get my Garmin 38 GPS
> receiver to lock onto any GPS satellites. KA3QPQ has the same problem
> with his Magellan unit.
>
> Something wrong with GPS?
>
> RHA K7SZ
>

Date: Fri, 09 Jul 1999 00:19:02 -0400
From: Pete Burbank <plburbank@kih.net>

To: <qrp-1@Lehigh.EDU>
Subject: [44657] Re: Virtual Ham Radio
Message-ID: <3.0.32.19990709001328.0073c890@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ya...DR DX had me rolling on the floor with tears rolling down my face...good grief...why pay money for on the air experience??? The best analogy to that program would be to stick your head in the oven and whistle CQ DX. The bottom line is...JUST GET ON THE AIR!!!! Sure...a few code mistakes will happen but we have all done that. Most Hams have the patience to QRS and welcome you. The biggie is to get over the first nervousness....it's real!... and just go!! Most hams will QRS and help however.. I wonder if there is such a thing as virtual insanity???
73/2/88 Pete NV4V vvvvvvvvvvvvvvv

Date: Thu, 8 Jul 1999 23:33:04 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <k6qq@hdo.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44658] Re: Virtual Ham Radio
Message-ID: <003701bec9c4\$a0e49320\$4c67d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: John Moriarity <k6qq@hdo.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, July 08, 1999 11:12 PM
Subject: Re: Virtual Ham Radio

>> That's a step up from the old AEA Dr DX simulator (which
>was pretty good
>> for its time).
>>
>
>Actually, the Dr. DX simulator would still be pretty good
>today!

Cool!

>I was working for AEA when the first "Contest Simulator"
>emerged. It was
>a stand alone unit that looked like a QRP transceiver. It
>was on my
>workbench one day when a friend, W7KJI, came to go to lunch
>with me.
>I told him it was a new product, and he should give it a
>whirl. I said
>there was "some contest" going on, "maybe QCWA" (the first
>prototype only
>had U.S. callsigns) and he should see what he could work.
>He spent the
>next fifteen minutes "working" stations. I then told him
>that the "radio"
>was so good that it didn't even need an antenna (and removed
>the dummy
>coax from the back). He was skeptical, but went on to
>"work" a few
>more stations. Then I finally told him it wasn't even a
>radio!!
>His answer was: "But what about all those stations I
>worked??"
>
>The darn thing was pretty convincing!!

LOL!! That's a great story! :^)

This is exactly what I'm talking about, John! The only difference would be that virtual amateurs would actually be making contacts, using their radios, and getting the feel of amateur radio without being on the air. Heck -- we could even get the Virtual FCC to send out some pink slips for out-of-band operation, vulgarity, intentional interference, etc. LOL!! Man -- it would really bite to have your virtual license yanked :^). Hey...we could even have em' doing a virtual contest and such...and how about letting em' talk to real hams, who wouldn't have the "VRS" but be using their real callsign and encouraging them to get a real license :^). Hmmm. Bet some psychologist would have fun analyzing the folks on virtual ham radio! :^) :^)

BTW, Virtual QRPer's would have a better chance of having a big-gun antenna and such, or we cud force em' all to enter

feed-line and antenna calculations and design their own
antennas :^). Hmmm. How about tying NEC into the thing :^) :^)

72/73

Randy Jouett, AB5NI

Date: Thu, 8 Jul 1999 23:56:16 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <plburbank@kih.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44659] Re: Virtual Ham Radio
Message-ID: <003a01bec9c7\$71c95f50\$4c67d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Pete Burbank <plburbank@kih.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, July 08, 1999 11:26 PM
Subject: Re: Virtual Ham Radio

>
>Ya...DR DX had me rolling on the floor with tears rolling down my
>face...good grief...why pay money for on the air experience???
>The best analogy to that program would be to stick your head in
>the oven and whistle CQ DX.
>The bottom line is...JUST GET ON THE AIR!!!! Sure...a few code
>mistakes will happen but we have all done that. Most Hams have
>the patience to QRS and welcome you. The biggie is to get over
>the first nervousness....it's real!... and just go!! Most hams
>will QRS and help however..
>I wonder if there is such a thing as virtual insanity???
>73/2/88 Pete NV4V vvvvvvvvvvvvvvv

Pete:

I think you might be missing the point here. This virtual stuff would
be directed at ham "wanna-be's." Heck. With the amount of

amateurs we're losing each year, we better think of "something" that will bring in some numbers! Also, these virtual hams could tell their friends about virtual radio. After one upgrades, he/she could tell their friends how great the real thing is and encourage their virtual-ham friend's to get a real license and operate.

BTW, a smart DXer or Contester would have used Dr. DX to hone their operating skills. Dr. Contest would allow folks to compete with virtual testers and see how they score against them, I'd imagine.

You might be laughing at statements like this, but I've worked in the computer simulation industry (Maxis: the folks that brought you SimCity and such; InterACTIVE Digital Devices: the folks that brought the first "real-feeling," metal rudder pedals in the flight-simulation industry). Simulations are just fine and dandy, in my book.

As far as Dr. DX is concerned, I guess I'll just have to say:

"I stand on the shoulders of giants." :^)

72/73,

Randy Jouett, AB5NI

Date: Fri, 9 Jul 1999 01:17:28 -0400
From: "John F Marranca, Jr" <jmarran@juno.com>
To: QRP-L@LEHIGH.EDU
Subject: [44660] Looking forward to the Sprint.....
Message-ID: <19990709.011737.-105717.1.JMarran@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, ladies and gentlemen, the time is almost here for the Sprint. I have just hung the new center-fed Zepp in preparation for it. The old end-fed came down in no time for the more efficient "dipole". Maybe someone out in QRP Land can help me with this one: Here goes: I own a Ten Tec PM 1. It was factory built in 1969. I am the 7th owner of it, and last year I completed a "restoration/improvement/upgrade" on it. This made it necessary to rebuild EVERYTHING. Does this put the PM 1 in

the Homebrew transceiver category, allowing me to take the 5000 point bonus? If not, then there are other rigs I can use for this contest.

I appreciate the help.

73

John KB2HSH

PS: To all of those that requested TTL transmitter plans; they have been mailed. You will be receiving them shortly. TKS ES GB....

Date: Fri, 09 Jul 1999 05:30:11 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44661] Re: Virtual Ham Radio
Message-ID: <3785877f.4465475@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Thu, 8 Jul 1999 23:56:16 -0500, "Randy Jouett" <rules@bellsouth.net> = wrote:

>You might be laughing at statements like this, but I've worked
>in the computer simulation industry (Maxis: the folks that brought
>you SimCity and such; InterACTIVE Digital Devices: the folks that
>brought the first "real-feeling," metal rudder pedals in the
>flight-simulation industry). Simulations are just fine and dandy,
>in my book.

But how many SimCity players have become City Planners?
How many FlightSim users have gone to real aircraft?

My guess is not many -- maybe one or two percent (particularly with = Flight Sims). The better the sim, the less "need" for the real thing!

I'm wondering how one converts the virtual ham to the "real thing". And = the difference between chat/text based interaction and wireless interaction = on the air? Plus, I think the challenge we face is showing how ham radio is = unique. That's what QRP is to me -- unique, inexpensive, fun. I like the field events, I like contests. But talking instantaneously around the world is=

no
longer an appeal. Exploring new cultures and new friendships are no =
longer
appealing either.

It's tough, but we have to better define (redefine?) what ham radio is, =
and
get the word out!

Just my .02 Euros/Dollars/Drachmas worth.

Marty, N5NW

-----=

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>
VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce

Date: Fri, 9 Jul 1999 00:57:39 -0500 (CDT)
From: aweiss@usd.edu (Ade Weiss W0RSP)
To: dodgeboy@mindspring.com
Cc: qrp-l@lehigh.edu
Subject: [44662] Radials
Message-ID: <199907090557.AAA07501@sunburst.usd.edu>

Interesting thread. Remember, radials come in two cases:

1) Ground "mounted". When the vertical is ground-mounted and the radials are on the ground, the number of radials makes a very big difference. Does not matter whether they are resonant or not. The point is: the base impedance of the resonant vertical measures 60+ Ohms for up to about 5 radials, and begins dropping to about 40 Ohms with 16 radials, and goes on down to the theoretical 36 ohms with 40 and above. The change in base impedance can be seen as elimination of ground loss in one view. The vertical couples energy directly into the dirt and the current return path. With a perfect metal ground plane, no energy is lost in the dirt because no energy gets to it. Even with 16 radials, the loss is equivalent to a resistance of about 8-9 ohms. Soooo, all of the schemes that have floated around for simple'n'easy low-number radial systems are usually better than no radials at all.

One major point that is not appreciated in all these threads. If a closely spaced pair of wires, or a 40-conductor ribbon is used as a radial, the bundle actually is equal to ONLY 1 radial. So, your piece of twinlead is pointless -- it is no more than a single piece of wire. Each of the wires carries half the current in

exactly the same phase. Two radials means two wire spread apart and not parallel. So, I hope everybody learns how to count radials in the future.

The computer-ribbon idea is a good one. With a 20-conductor ribbon, one can produce 10 radials (bundles of two conductors) easily enough by slitting along the grooves in the ribbon. I did this once to produce 20- single-conductor radials, but it took a long time and the result is very fragile. 2-conductor bundles are more durable.

As for resonant vs. non-resonant, doesn't make a significant difference. For one thing, "resonance" is a function of wire-length up in the air, but mutual coupling that occurs when the wire comes into proximity with objects detunes it from its natural resonant frequency. That's why the reflector is tuned to a different frequency than a director. So, the usual schemes using the folded back portion of a ribbon conductor make sense only in the elevated radial case. If the radials are laying on the ground, it is a better idea to just split an extra pair.

2) Elevated. Here, four resonant radials at 90-deg angles does the job. The 90-deg angles are necessary for cancellation of radiation from the radials which are nothing other than the other half of the dipole made from four wires and perpendicular to the radiating element.

72, Ade

Date: Thu, 8 Jul 1999 23:15:03 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44663] Not QRP....Dodge P/U
Message-ID: <Pine.GS0.4.10.9907082312590.24089-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Does anyone out there know how the computer controls the shifting in a 94 Dodge 3/4 4x4 diesel pick up?

Thanks,

Ron, KU7Y
nr Reno, NV

Date: Fri, 9 Jul 1999 01:15:06 -0500 (CDT)
From: aweiss@usd.edu (Ade Weiss WORSP)
To: fifield@pacbell.net
Cc: qrp-1@lehigh.edu
Subject: [44664] The Grayline
Message-ID: <199907090615.BAA08957@sunburst.usd.edu>

Hi Dave:

I would suggest ditching the program idea and just surfing to:

<http://solar.uleth.ca/www/realtime.html>

and having a look at the current grayline.

Steve rightly focused on the state of the ionosphere -- check my talk in the Pacificon book. D-layer and E-layer ionization build-up is not instantaneous, but depends entirely upon the zenith angle at which the sun's rays are incident on the ionosphere at any particular latitude. Of course, the zenith angle relates to the latitude and local solar time.

Another good reason for checking solar.uleth is that the map makes the effect clearer. Note the MUF contours immediately on either side of the grayline and you will see that "ideal" conditions for the higher bands exist for quite a few degrees after sunrise. I have been impressed by this via my DX work on 30m -- from SD, the r.f. black-hole -- where I have 78 countries now. In general, most contacts to EU are actually in place until about 2-3 hours after sunrise when I thought the path should have gone dead already. For example, it is now 0613 and I'm hearing one EU -- 2 hours ago at around 0400 0Z8R0 was coming in 579, which is very good for SD. So, in actual practice, while Steve is right about 160 and 80, and to a lesser extent, 40, the "window" on the higher bands is much broader. Now, the transequatorials to S. Africa seem more critical on 30m. But the transequatorials to N. Africa, ZL, VK, and Oceania seem anomalous. From PA, I worked VK6HQ and ZL2??? in broad daylight on 30m with a single vertical w. 17 radials. The whole path was in sunshine! Likewise, T22 etc. But that is because transequatorial ionosphere is wierd. I love it anyhow!

72, Ade

Date: Fri, 09 Jul 1999 16:42:05 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44665] Virtual Ham Radio
Message-ID: <378599BD.95A929A0@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Marty Watt wrote:

> It's tough, but we have to better define (redefine?) what ham radio is, and
> get the word out!

Seriously for a moment, I always thought Ham Radio was what it was originally intended for, just after WW1 when we had 200 metres and up - an experimenters paradise. Wasn't the original intent for experimenting, innovating and advancing the art of the hobby. Look at the advancements to the science produced by amateurs over the last 80 years.

I think the real AR problem is everyone, especially youngsters, want "instant". Why build something when you can buy ready-made? Kids don't want to innovate anymore or improvise. As a society I believe we have largely destroyed one of their most precious gifts - "imagination" - with T.V. a zillion dollars in toys etc.

They have lost their enquiring minds.

> Just my .02 Euros/Dollars/Drachmas worth.

BTW Marty you left out pennies - so that was my tuppence worth (that shows my age)

73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
Budgewoi N.S.W. Australia
Tel: 0011 + 61 + 2 + 4399 3228 (2200 - 0800 U.T.C.)
QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic>
URL - <http://www.qsl.net/vk2tip/>
"By definition, a government has no conscience. Sometimes it has a policy, but nothing more". - Albert Camus

Date: Fri, 9 Jul 1999 00:06:55 -0700

From: David Kidd <ka7ozo@pacifier.com>
To: qrp-l@Lehigh.EDU
Subject: [44666] need help....TT HR-50 keyer
Message-ID: <v03007804b3ab4f51f302@[216.65.146.37]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just was given a TenTec "Ultramatic" keyer....model HR-50 to go along with my Argonaut....but no paperwork. Does anyone have a copy? Will gladly pay copy & mailing costs as usual. Please reply direct to ka7ozo@pacifier.com

Thanks.

Dave
KA7OZO

Date: Fri, 9 Jul 1999 03:17:27 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [44667] SETI@HOME
Message-ID: <Pine.3.89.9907090303.C19806-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think this project was briefly discussed a while back on QRP-L, but I just got around to exploring it a few days ago. I wonder how many other QRP-Lers are participating? I'm in the process of crunching my first packet of data, about 50% done in something over 30 hours. My computer is a Pentium 233 with 64MB RAM (a notebook) and demonstrates the necessity of a FAST CPU. I tried the software on my 486-120 at home and quickly abandoned the effort!

If you haven't yet done so, make a visit to the SETI@HOME website:

<http://setiathome.ssl.berkeley.edu/>

Follow up on what you read and you may be the first to discover extra terrestrial intelligence! This is truly QRP stuff, like looking for a needle in a haystack - and without even knowing if the needle is really there.

73,

, ' ' ' ,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Fri, 9 Jul 1999 03:04:21 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <mwattcpa@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44668] Re: Virtual Ham Radio
Message-ID: <001501bec9e2\$125d7860\$e666d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Marty Watt <mwattcpa@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Friday, July 09, 1999 12:33 AM
Subject: Re: Virtual Ham Radio

On Thu, 8 Jul 1999 23:56:16 -0500, "Randy Jouett" <rules@bellsouth.net> wrote:

>You might be laughing at statements like this, but I've worked
>in the computer simulation industry (Maxis: the folks that brought
>you SimCity and such; InterACTIVE Digital Devices: the folks that
>brought the first "real-feeling," metal rudder pedals in the
>flight-simulation industry). Simulations are just fine and dandy,
>in my book.

>But how many SimCity players have become City Planners?

I don't have any idea, Marty. That's kinda like asking how many people win big bucks playing black jack in Vegas that have won tons playing blackjack on a computer. Who knows?

I can tell you, however, that Maxis spun off a simulation company that wrote a full-blown version of SimCity being used by "many" City Planners and Universities. Go figure.

>How many FlightSim users have gone to real aircraft?

>My guess is not many -- maybe one or two percent (particularly with Flight >Sims). The better the sim, the less "need" for the real thing!

I wonder how many people on here took driving lessons in high school and sat behind a driving simulator? I'd say 95% and probably wouldn't be that far off the mark. This would only be counting US hams, of course, because I have no way of knowing how other countries work this situation out.

As far as "how many flight-sim users went out and got their ticket" is concerned, I'll just say this: how many virtual pilots have sat in the jump seat of a P-51 Mustang; how many virtual pilots are members of the Mile High Club; and how many virtual pilots have flown a real SR-71 Blackbird.

Virtual simulations are nice, Marty, but, in most circumstances, they don't even come close to the real thing. I think that what you might be afraid of -- and it would be a valid concern!! -- is that a virtual, ham-radio simulation (with today's technology) would be "very, very" close to the real thing, so why even bother getting a ticket and getting on the air. My response would be this: buying a Playboy magazine and relieving yourself is no where near the fun of finding a real-life woman, loving her, and making babies :^) :^). (Sorry about the lewd analogy, but it fit and I wanted to drive my point home). (No pun intended?) :^)

>I'm wondering how one converts the virtual ham to the "real thing". And the

>difference between chat/text based interaction and wireless interaction on the

>air? Plus, I think the challenge we face is showing how ham radio is unique.

>That's what QRP is to me -- unique, inexpensive, fun. I like the field

>events, I like contests. But talking instantaneously around the world is no

>longer an appeal. Exploring new cultures and new friendships are no longer >appealing either.

Well, maybe the whole virtual-radio idea isn't worth a crock of crapola? OTOH, if we dodge the Internet and fight it, we'll lose big time, IMHO.

It's my thought that we should embrace the Internet and treat her like a long-lost child, raise her, and ask a favor or two when she's older, wiser, and ask her nicely if she could give us a hand in the promotion of amateur radio.

And speaking of promotion...how about something like this:

- 1) Show the Russian ham dude who was the first astronaut on TV, with text under his picture saying who he is/was and his callsign.
- 2) Fade out.
- 3) Fade in and show Barry Goldwater or some other well-known celebrity/scientist/musician/etc. and display the same thing under their pictures.
- 4) Fade in. Display "un-known" hams that have accomplished great things, and that invented/patented stuff that everyone uses today, etc.
- 5) Do the same things with DX hams.
- 6) Show a lot of the inventions that hams have helped develop.
- 7) At the end, point out that they were all amateur-radio operators and ask the audience if they think that they are missing out.

In other words, we could use the Marine Corp. tactic -- the few, the proud, the hams! Special consideration would have to be given to QRP operators, of course. If I wasn't a ham, a commercial like that would sure get "my" attention!

>It's tough, but we have to better define (redefine?) what ham radio is, and
>get the word out!

I whole-heartedly agree with that statement!!

>Just my .02 Euros/Dollars/Drachmas worth.

Just my two Quat-loo's (from the Trek episode when Kirk and others are forced to be gladiators for some "brain people" that live 100 miles below the surface :^).

Best regards, Marty/Gang,

Randy Jouett, AB5NI

Date: Fri, 9 Jul 1999 06:09:26 -0400
From: "dor" <elbc@pivot.net>
To: <aweiss@usd.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44669] Re: Radials
Message-ID: <001901bec9f3\$23af9ce0\$9e10a1d0@mine1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thank you Ade,
Very well Put.
Dave Kc1di

----- Original Message -----

From: Ade Weiss W0RSP <aweiss@usd.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, July 09, 1999 1:57 AM
Subject: Radials

> Interesting thread. Remember, radials come in two cases:
>
> 1) Ground "mounted". When the vertical is ground-mounted and the radials
> are on the ground, the number of radials makes a very big difference. Does
> not
> matter whether they are resonant or not. The point is: the base impedance
> of the
> resonant vertical measures 60+ Ohms for up to about 5 radials, and begins
> dropping to about 40 Ohms with 16 radials, and goes on down to the
> theoretical
> 36 ohms with 40 and above. The change in base impedance can be seen as
> elimination of ground loss in one view. The vertical couples energy
> directly into
> the dirt and the current return path. With a perfect metal ground plane,
> no
> energy is lost in the dirt because no energy gets to it. Even with 16
> radials,
> the loss is equivalent to a resistance of about 8-9 ohms. Soooo, all of
> the
> schemes that have floated around for simple'n'easy low-number radial

systems

> are usually better than no radials at all.

>

> One major point that is not appreciated in all these threads. If a closely spaced

> pair of wires, or a 40-conductor ribbon is used as a radial, the bundle actually

> is equal to ONLY 1 radial. So, your piece of twinlead is pointless -- it is no

> more than a single piece of wire. Each of the wires carries half the current in

> exactly the same phase. Two radials means two wire spread apart and not

> parallel. So, I hope everybody learns how to count radials in the future.

>

> The computer-ribbon idea is a good one. With a 20-conductor ribbon, one can

> produce 10 radials (bundles of two conductors) easily enough by slitting along

> the grooves in the ribbon. I did this once to produce 20- single-conductor radials,

> but it took a long time and the result is very fragile. 2-conductor bundles are

> more durable.

>

> As for resonant vs. non-resonant, doesn't make a significant difference.

For one

> thing, "resonance" is a function of wire-length up in the air, but mutual coupling

> that occurs when the wire comes into proximity with objects detunes it from its

> natural resonant frequency. That's why the reflector is tuned to a different

> frequency than a director. So, the usual schemes using the folded back portion

> of a ribbon conductor make sense only in the elevated radial case. If the radials

> are laying of the ground, it is a better idea to just split an extra pair.

>

>

> 2) Elevated. Here, four resonant radials at 90-deg angles does the job.

> The 90-deg angles are necessary for cancellation of radiation from the

> radials which are nothing other than the other half of the dipole made from

> four wires and perpendicular to the radiating element.

>

> 72, Ade

>

Date: Fri, 09 Jul 1999 06:24:16 -0400
From: K4AHK@ix.netcom.com
To: jrybak@mesastate.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44670] Re: Metal-cased 2N2222A's ???
Message-ID: <3785CDCE.11EA@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The metal cased 2N2222 will generally always replace the plastic ones.
The metal ones have a little more power handling capability.

BUT - BEWARE - The metal cased and plastic cased 2N2222's don't have the
same base diagram. Be sure that you know the pin arrangement before
soldering them in place.

Bill - K4AHK

Date: 9 Jul 99 04:29:41 PDT
From: Michael Fletcher <kl7ixi@usa.net>
To: qrp-1@Lehigh.EDU
Subject: [44671] Re: [SETI@HOME]
Message-ID: <19990709112941.23076.qmail@www0r.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

I'm working on my 12th data unit with 479 computer hours completed. I'm
running it on the office 300 MHz Compaq with a T-1 connection. The backgr-
ound
crunching of data doesn't interfere with anything except HD utilities; th-
en I
have to turn off SETI to stop the frequent disk writes. The SETI software=
has
the computer all to itself at night and on weekends.

Is SETI@HOME the QSL Card Manager if I hear ET?

72,
Mike KL7IXI/4

Norcross, GA

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Fri, 9 Jul 1999 08:01:21 -0400
From: "George Heron" <n2apb@erols.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [44672] KI6DS to attend NJQRP mtg Saturday
Message-ID: <003001beca02\$c54dace0\$3dcfaccf@herong>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Note for guys along the mid-Atlantic, NY/NYC/LI/PA area Doug Hendrick, KI6DS is stopping in to the NJ-QRP Club meeting this Saturday (i.e., tomorrow) to say hi to the gang at our regular monthly meeting!

All QRPers in the area are invited to attend too! We have an open format that has lots of project show n' tell, parts swaps and some real good discussions. About 20-30 members normally show at our indoor meeting location on Rt 1 in Princeton, NJ. There's lots of nice, quaint shopping in the "village mall" where we meet, so the family members traveling with you can have some fun along the way too.

See <http://www.njqrp.org/meetings/07-10-99.html> for the full poop on directions, maps and planned activities. Please feel free to contact any of us NJQRPers for further info, rides, etc.

72, George N2APB
n2apb@amsat.org

Date: Fri, 9 Jul 1999 05:10:58 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [44673] The Grey line - by ZL2BIL - Read it FREE
Message-ID: <19990709121058.17191.rocketmail@web704.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

For a good read abt the grey line check out "Running down the grey line, by Bill ZL2BIL AR QRP #210.

<http://members.xoom.com/VLantz/arqrp/newsltr.htm>

Its abt half way down the page.

Remember AR QRP membership is FREE and you get all these wonderfull articles too. The next issue is comeing soon and full of new articles.

Be seeing everyone in the contest Sunday!

72/3'z de Jim AR QRP #2

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 9 Jul 1999 08:36:41 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Michael Fletcher <kl7ixi@usa.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44674] Re: [SETI@HOME]
Message-ID: <Pine.3.89.9907090845.C22523-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On 9 Jul 1999, Michael Fletcher wrote:

>

> have to turn off SETI to stop the frequent disk writes. The SETI software has
> the computer all to itself at night and on weekends.

Mine will also run all weekend and hopefully will finish my first project, presently at 70% after 36 hours.

>

> Is SETI@HOME the QSL Card Manager if I hear ET?

I smell a "Miles/Watt" award. :-)

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Fri, 9 Jul 1999 05:50:58 -0700 (PDT)
From: Philip Karras <ke3fl@yahoo.com>
To: qrp-l@lehigh.edu
Cc: mnyfzds@yahoo.com
Subject: [44675] Help needed, Germany & Canada
Message-ID: <19990709125058.23068.rocketmail@web118.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Please forgive this request, it's about Beanie babies.
My sister is a collector of these things, as I am of
radios & antennas - too each his/her own I guess.
Anyway if any of you in the two countries mentioned
have a friend or relative who also collects these
things would you mind putting them in touch with my
sister?

She's looking for "Germainia" from Deutschland
and "Maple" from Canada.

Thanks much, PLEASE do not respond through qrp-l for
this one, go directly to my sister, Jan, at:

mnyfzds@yahoo.com

or to me at ke3fl@arrl.net

tnx
72 & 73 de KE3FL
Phil

===
Phil K
home: ke3fl@juno.com

Alt: ke3fl@yahoo.com
Reflectors: ke3fl@arrl.net and ke3fl@qsl.net
Web: <http://www.qsl.net/ke3fl>

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 9 Jul 1999 06:06:49 -0700
From: Dave Barrett <DBarrett@creo.com>
To: "'n4bp@bc.seflin.org'" <n4bp@bc.seflin.org>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44676] RE: SETI@HOME
Message-ID: <CE0A40BFE0CDD111A2B800A0C99B83EB01313983@msgcreo2.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hey Guy's

We here at Creo Products Inc in Vancouver BC Canada are also running Seti@Home, Just completed 6 units on an old 133 Pentium with 32 mb ram (slow I know) it took 933 hrs :-)
Its at least putting the old cpu unused cycles to some good use, although I read t'other day that the SETI website is sending out the same data block over and over due to some glitch in their software :-(Oh well, its a real neat looking screensaver and free anyway. There is another similar site that utilizes multiple users PC's called RC5 at:
<http://www.netcomuk.co.uk/~jduraes/rc5/whatsrc5.htm> Its runs software that acts similarly, using otherwise lost cpu cycles to decode a security code that's supposed to be unbreakable :-)

Either can be set up to only come to life when your machine is otherwise not being used, I.E. in screensaver mode, hence no lost efficiency to you.

Good ET hunting :-)

Dave VE7PCC Vancouver BC Canada

(Recumbenteer)

-----Original Message-----

From: Bob Patten [mailto:n4bp@bc.seflin.org]
Sent: Friday, 09 July, 1999 12:17 AM
To: Low Power Amateur Radio Discussion
Subject: SETI@HOME

I think this project was briefly discussed a while back on QRP-L, but I just got around to exploring it a few days ago. I wonder how many other QRP-Lers are participating? I'm in the process of crunching my first packet of data, about 50% done in something over 30 hours. My computer is a Pentium 233 with 64MB RAM (a notebook) and demonstrates the necessity of a FAST CPU. I tried the software on my 486-120 at home and quickly abandoned the effort!

If you haven't yet done so, make a visit to the SETI@HOME website:

<http://setiathome.ssl.berkeley.edu/>

Follow up on what you read and you may be the first to discover extra terrestrial intelligence! This is truly QRP stuff, like looking for a needle in a haystack - and without even knowing if the needle is really there.

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Fri, 09 Jul 1999 08:10:18 -0500
From: Ron Keener <rkeener@realtime.net>
To: n4bp@bc.seflin.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44677] Re: SETI@HOME
Message-ID: <3785F4BA.1825@realtime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am doing seti at home - it makes a nice screen saver but (like you say) it does take a fast processor if you want to see results - my 166 mhz pc takes over 100 hours to search each block of data!

I did have a problem with version 1.0 of the software - lost a whole 100 hours of processing - upgraded to new software a couple days ago and it seems to be OK so far

--

ron keener near Austin, Texas <http://MidAmericaBreedingTech.com>

* MidAmerica Breeding Technology
* Using Technology to Enhance Your Breeding Program
* Amateur radio station WA0REE

Date: Fri, 09 Jul 1999 13:18:18 GMT
From: hb9dnn@gmx.net (Robert M. Ganter)
To: qrp-1@Lehigh.EDU
Subject: [44678] vacation and QRV from SV8
Message-ID: <378cf3d9.261846194@scts98.ens.ascom.ch>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Hello fellow QRPers,

I will be on vacation for the next two weeks (sailing and hamming in SV8-land)

If You would like to make a QSO with me, I'll try to be QRV from July 11th to July 24th on 18:00 UTC on 80/40/30/20/15m (most probably 40/15m) in CW (please be patient, I am not an experienced CW guy yet) or SSB on the QRP calling frequencies.

I'll have a Ten Tec Scout (not strictly QRP, I know... :-)), a DK9SQ fiber glass mast and plenty of wire with me.

My calls will be SV8/HB9DNN or HB9DNN/MM.

Hope to hear You soon.

73/72

Robert
--=20

Robert M. Ganter HB9DNN

Date: Fri, 9 Jul 1999 09:18:45 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Rod Cercone <rlc@frii.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44679] Sorry Everyone, it's fixed... WAS: GPS Down?

Message-ID: <Pine.OSF.3.95.990709091239.2081A-100000@saturn1.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I had to move my NC-40a from on top of a pile of old QSTs and in doing so, it looks like I accidentally knocked loose the clip lead from the power supply binding post post to the worldwide GPS system.

When I heard that everyone's GPS was off, I thought I might have done something, but it's fixed now.

I told the government YEARS ago that I didn't want the responsibility but they don't listen.

Sorry for any inconvenience.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

On Thu, 8 Jul 1999, Rod Cerkoney wrote:

> Just tried my GPS III. Got a lock on 4, 16, 18, 22 & 25. QTH Fort Collins,
> CO.
> Took quite a while though.
>
> ---
> 72/3 Rod, NØRC
> da di dah
>
> ----- Original Message -----
> From: Richard Arland <k7sz@epix.net>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Sent: Thursday, July 08, 1999 9:36 PM
> Subject: GPS Down?
>
>
> > For the last two days I have not been able to get my Garmin 38 GPS
> > receiver to lock onto any GPS satellites. KA3QPQ has the same problem
> > with his Magellan unit.
> >
> > Something wrong with GPS?

> >
> > RHA K7SZ
> >
>
>

Date: Fri, 9 Jul 1999 15:23:20 +0200
From: dareid@Synopsys.COM
To: qrp-1@lehigh.edu
Subject: [44680] (Fwd) [Elecraft] K2 T-Shirts - check them out
Message-ID: <199907091323.PAA22846@goofy.gr05.synopsys.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

For those of you K2 owners who are not on the elecraft reflector -
you should join...it's great.

----- Forwarded Message Follows -----
From: dareid@synopsys.com
To: elecraft@qth.net
Date sent: Mon, 5 Jul 1999 13:56:39 +0200
Subject: [Elecraft] K2 T-Shirts - check them out
Send reply to: dareid@synopsys.com

Hi all,

well, still waiting over here in Holland... checking the mailbox 3
times a day - but it doesn't help.

So, while I was waiting, I've created a T-Shirt for K2 Owners...

(a couple of 'Special' ones are ready to ship to Wayne and Eric
perhaps when they get them - they'll put a photo on the website.)

So, you can have a look at mine - on my private website:
<http://www.qsl.net/pa3hbb/>
and follow the link to 'Articles'...

Enjoy - I can get about 200 or so T-Shirts in the first batch.

Take care es best K2-ing
de Dave
PA3HBB / G0BZF

Submissions: elecraft@qth.net

<Please note: The list server automatically rejects HTML encoded emails. >

List Archive page: <http://www.qth.net/archive/elecraft/elecraft.html>

Elecraft Web Page: <http://www.elecraft.com>

Date: Fri, 9 Jul 1999 06:39:30 -0700 (PDT)

From: Gary Slagel <gdslagel@yahoo.com>

To: qrp-l@Lehigh.EDU

Subject: [44681] Re: Radials

Message-ID: <19990709133930.1088.rocketmail@web215.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

--- Ade Weiss W0RSP <aweiss@usd.edu> wrote:

>

> 2) Elevated. Here, four resonant radials at 90-deg

> angles does the job.

Any thoughts on how high the antenna base must be to be considered elevated?

What makes a good radial system has always been a bit of a fog for me. Thanks for help.

73, Gary

===

Gary Slagel/N0SXX

Conifer, CO 80433

gdslagel@yahoo.com

Personal Website: <http://marina.fortunecity.com/sanpedro/351>

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 9 Jul 1999 08:15:09 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Cc: ve3xk@rac.ca, Ken Oelke <ve6afo@rac.ca>
Subject: [44682] sponsor QRP plaque
Message-ID: <Pine.LNX.3.95.990709075426.14543B-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This posting is for those of you, and anyone else who would like to join in, who have offered to help sponsor the QRP plaque for ONE of the two RAC contests...please send a money order/cheque made out to Bruce Rattray for \$25.00 Cdn funds to:

Bruce Rattray
128 Durham Drive
Regina, SK. S4S-4Z2
Canada

.....I will be signing an agreement with RAC to sponsor the plaque and sending them a cheque for \$250.00 Cdn for the 5 year period...I will keep everyone up to date regarding this project through e-mail on QRP-Canada...thank you very much for helping to make this a reality...one question remains; do you have a preference as to whether it is the July contest or the December contest that we sponsor?...I have two votes for the Winter contest so far...personally, I will go with the majority...please let me know asap..... ;-)

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada
Amateur Radio Stamp Collector "QRP! How sweet it is!"

Date: Fri, 9 Jul 1999 09:11:29 -0500
From: Bcieslak@ra.rockwell.com
To: qrp-l@lehigh.edu
Cc: rules@bellsouth.net
Subject: [44683] Re:Virtual Radio
Message-ID: <862567A9.004DF5E6.00@ramilwsmt01.ra.rockwell.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I don't know if you remember a program called Dr. DX written for the Commodore 64 many years ago. You could actually plug your key or keyer into it and work a virtual DX contest. You could receive the call answer the call send CQ etc. There would be QSB, QRN QRM. other stations would try to steal your Freq. The User interface was the front panel of a virtual radio for tuning, filters, power. Nothing like that has every been ported to the PC. (PED is receive only). How about a 'FOX Hunt' Simulator using the calls of all the known fox hunters. The computer operator would be the fox having to deal with the pile ups, conditons and operating practices of those in the hunt..

Brian AE9K

Date: Fri, 9 Jul 1999 10:25:19 -0400
From: "curt" <k3ivb@stargate.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44684] FS/Trade- Schurr Profi
Message-ID: <001b01beca16\$e1b3c9a0\$4db8a6d1@Curtk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thought I might get some interest here on QRP-L.

"NIB" Schurr Profi paddles "can send jpeg" will sell or trade on HW9 with warc and PS in "EXCELLENT" condition only please.

Curt
K3ivb

Date: Fri, 09 Jul 1999 09:37:16 -0500
From: Jim Giammanco <giamman@rouge.phys.lsu.edu>
To: qrp-l@Lehigh.edu

Subject: [44685] DSW series parts label stickers downloadable
Message-ID: <3.0.1.32.19990709093716.007af1c0@rouge.phys.lsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Parts lists for both the DSW20 and DSW40, formatted to print on Avery
return address label stock (Avery 8167 - 1/2" by 1 3/4") are now
downloadable from my web page:

<http://www.qsl.net/n5ib>

Use the right-hand mouse button to click on the file descriptor, then choose
"save link as" from the pop-up menu.

I made them up to help inventory, sort into part # order, and eliminate
mistakes in stuffing the boards.

72,

Jim N5IB and Trustee of W5YW, the LSU club station

n5ib@juno.com	at the home QTH
giamman@rouge.phys.lsu.edu	at LSU Physics and Astronomy
http://www.qsl.net/n5ib	N5IB home page

Date: Fri, 9 Jul 1999 07:45:52 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Bcieslak@ra.rockwell.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44686] Re:Virtual Radio
Message-ID: <Pine.GS0.4.10.9907090736250.26994-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Brian and all,

TR Log and I think some of the other contest software do a
good job of letting you "work" a contest "off the air".

TR calls it the Simulator Mode and it will allow you to
do several different contests.

Not quite as good as the old Dr. DX in some ways and better
in others. Great way to learn how to use the software and
to get the code speed up.

Think about this.....

Dr. DX was a great program and that was well before all the high power chips that we have now. Very limited in the memory it had to work with and etc.

I have been asking lots of people if they had any interest in making a CW "machine" a bit like the MFJ unit but that used real calls and real contest exchanges.

Dr. DX went to the grave because (I think) not enough people had C64's to use it on. And there was no "standard" OS at that time.

Now there is....or at least a large base of one OS. So maybe another software version of Dr. DX could make the dollar grade now.

But I still prefer the idea of the little "in the pocket" machine..... :-)

There are two contests this weekend..... the IARU on Saturday and the ARCI on Sunday..... so much for getting anything done around the place!

cul,

Ron, KU7Y

Date: Fri, 9 Jul 1999 09:05:39 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Ken Oelke <ve6afo@rac.ca>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [44687] QRP plaque final
Message-ID: <Pine.LNX.3.95.990709085933.19601B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OK folks, it's a done deal...due to RAC timelines we'll be sponsoring the WINTER contest...so send your money in asap please....

...and Ken, VE6AF0, just to let you know that Bonnie & I are planning to attend the hamfest in the Battlefords on July 24th...hope to have an eyeball and a few minutes to chat...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada
Amateur Radio Stamp Collector "QRP! How sweet it is!"

Date: Fri, 9 Jul 1999 11:02:44 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: <rlwc@frii.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44688] RE: GPS Down?
Message-ID: <000901beca1c\$19638480\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

At 1600z my Garmin 12XL performed a TTFF in about 45 seconds in Kennebunk,
Maine. Vy 73, AI2Q, Alex

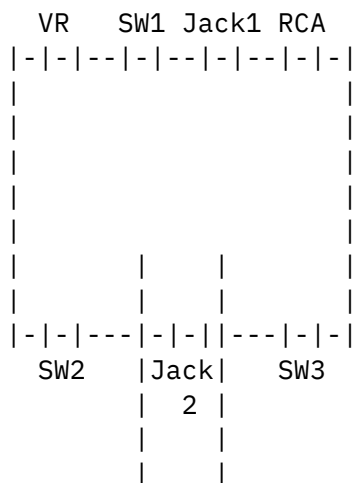
> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Rod Cercone
> Sent: Friday, July 09, 1999 12:07 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: GPS Down?
>
>
> Just tried my GPS III. Got a lock on 4, 16, 18, 22 & 25. QTH Fort Collins,
> CO.
> Took quite a while though.
>
> ---
> 72/3 Rod, N0RC
> da di dah
>
> ----- Original Message -----
> From: Richard Arland <k7sz@epix.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Sent: Thursday, July 08, 1999 9:36 PM
> Subject: GPS Down?
>
>
> > For the last two days I have not been able to get my Garmin 38 GPS
> > receiver to lock onto any GPS satellites. KA3QPQ has the same problem
> > with his Magellan unit.

> >
 > > Something wrong with GPS?
 > >
 > > RHA K7SZ
 > >
 >
 >

 Date: Sat, 10 Jul 1999 00:28:14 +0900
 From: amr@ma.newweb.ne.jp
 To: qrp-l@Lehigh.EDU
 Subject: [44689] G4ZPY Paddle
 Message-ID: <19990710002812amr@ma.newweb.ne.jp>
 Mime-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit
 Content-Transfer-Encoding: 7bit

Hello all,

I want to know the function of the switch of G4ZPY's "Single lever combo".



VR=Speed control
 SW1=
 Jack1=TX
 RCA=Power supply
 SW2=
 Jack2=External paddle
 SW3=Power? & volume

 *What is the function of SW1 and SW2?
 Is other description a correct answer?

Thanks in advance.

 Yasuo Itoh (Nagoya, Japan)
 Call: JN2AMR
 QRP-L: #991

amr@ma.newweb.ne.jp

Date: Fri, 09 Jul 1999 08:46:52 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44690] Re: GPS Down?
Message-ID: <3785B6FC.CC283CE@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just a reminder for all you Garmin users. Go to <http://www.garmin.com> and you can download updated software for your GPS. Installation is a snap if you have the data cable made up. Take care, though. S/W for the GPS III+ will _not_ work on the GPS III.

--
73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Fri, 9 Jul 1999 08:42:29 -0700 (PDT)
From: Richard Fisher <ki6sn@yahoo.com>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Cc: Russ Carpenter <russ@natworld.com>
Subject: [44691] Now Showing: The ARS Sojourner
Message-ID: <19990709154229.12139.rocketmail@web207.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

NOW SHOWING: THE JULY EDITION OF THE ARS SOJOURNER

The July edition of the Adventure Radio Society's monthly magazine, The ARS Sojourner, is live, in color and just a click or two away at:

www.natworld.com/ars

This month's edition includes:

- + Three reports and photos from ARS' "Top of the World" competition, held in conjunction with the ARRL's June VHF Contest.
- + Your first look inside the new ARS Test Lab.
- + Field Day with ARS founder Russ Carpenter, AA7QU, in the high

country of western Colorado.

- + Tips on the prevention and treatment of mountain sickness, by new Sojourner contributing editor Dr. Bob Armstrong, N7XJ.
- + The harrowing story of QRPers' expedition to the Outer Banks of North Carolina by JohnPaul Keon, AB4PP.
- + Results and soapbox comments from July's Spartan Sprint.
- + Details of this month's "Flight of the Bumblebees" competition.
- + Plus our regular monthly features announcing Who's Who and Who's New in ARS, details of ARS' August Spartan Sprint, editorial comments in "From Our Vantage Point," ARS' monthly Wilderness Alert, and lots more.

We hope you enjoy this month's edition and, as always, welcome your comments, criticisms and contributions of stories, photographs and ideas.

On behalf of the staff of The ARS Sojourner, thanks to all on QRP-L and the QRP community at large for your ongoing support of ARS and The ARS Sojourner.

Vy 72,

Richard Fisher, KI6SN
Executive editor, The ARS Sojourner
KI6SN@yahoo.com

The July Spartan Sprint Champs

Skinny Division--W5RXP
Tubby Division--N2CQ

The Soapbox for the July Spartan Sprint

The Wilderness Alert for July, 1999

The automated form for telling us
about your upcoming adventure

From the Top of the World: KI6SN at Box
Springs Mountain, by Richard Fisher,

KI6SN, The ARS Sojourner

6 METERS AT THE TOP OF THE WORLD: Or,
How do I keep making the same
mistakes over and over?, by Mike Herr,
WA6ARA, special to The ARS
Sojourner

TOP OF THE WORLD: True Grit and Blind
Ambition from Tahquitz Peak, by
Lorraine Aubert, AC6XK, The ARS Sojourner

Hams With an Altitude, by Russ Carpenter,
AA7QU, The ARS Sojourner

HIGH ANXIETY: Preventing Mountain
Sickness, by Dr. Bob Armstrong, N7XJ,
The ARS Sojourner

A NOR'EASTER TO REMEMBER:The Trip to Core
Banks, Outer Banks, NC,
March 25 to 28, 1999, by JohnPaul Keon,
AB4PP, special to The ARS
Sojourner

Announcing the ARS QRP Lab, The ARS
Sojourner

Dr. Bob Armstrong, N7XJ: New to The ARS
Sojourner Staff

Welcome: Who's Who and Who's New in ARS,
by Richard Fisher, KI6SN, The
ARS Sojourner

From Our Vantage Point, The ARS Sojourner

Upcoming ARS events

The Flight of the Bumblebees, on
July 25, 1999
August Spartan Sprint, on August
2, 1999

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 9 Jul 1999 08:59:13 -0700
From: David Kidd <ka7ozo@pacifier.com>
To: qrp-l@Lehigh.EDU
Subject: [44692] Correction on KR-50
Message-ID: <v03007801b3abcc6382c6@[216.65.146.38]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It was brought to my attention that I typo'd the model number...it is KR
not HRKR-50.

+++++++
I just was given a TenTec "Ultramatic" keyer....model HR-50 to go along
with my Argonaut....but no paperwork. Does anyone have a copy? Will gladly
pay copy & mailing costs as usual. Please reply direct to
ka7ozo@pacifier.com

+++++++
Thanks for the several messages I received.

Dave KA7OZO

Date: Fri, 09 Jul 1999 12:33:00 -0400
From: Jim Stafford <w4qo@amsat.org>
To: qrp-l@lehigh.edu
Subject: [44693] Re: Remember a QRP Xmtr Using a VN10K Transistor???
Message-ID: <3786243C.3C596A94@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Dan's has the VN10K for 60cents.

<http://www.fix.net/dans.html/>

No connection blah blah

I think Tech America might have as well but not sure of this.

--

Jim Stafford, W4QO 770-993-9500 VP - QRPARCI #6515

+++The THRILL is back - QRP - what ham radio is all about!

+++<http://www.qrparci.org>

Date: Fri, 09 Jul 1999 10:35:27 -0700

From: Jerry Parker <jparker@fix.net>

To: qrp-1@LeHigh.edu

Subject: [44694] Ft. Tuthill Just keeps gettin BETTER!

Message-ID: <3.0.6.32.19990709103527.00fa5070@fix.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Just TWO weeks left and Ft. Tuthill will be happening!

Boy am I excited.

The list of PreRegistered Folks keeps growing and so
does the prize offerings.

Verne Wright W6MMA, of the "W6MMA St. Louis Vertical"
fame has offered up a complete St. Louis Vertical as a
prize! Verne's vertical is used all over the world.

He has other items in the works too so get together
with him at the HamFest and for the latest info!

Yesterday, Doug Hauff KE6RIE checked in with a Custom
NorCal 20 Enclosure for a prize. If you are building the NorCal 20
from NorCal you gotta have one of these. If you havent had the

pleasure of meeting Doug and seeing his work now is your chance.

Doug will be there with lots of goodies and he tells me some
real surprises!

I have included links below with the prize list so you can see the
items for yourself and some links with all kinds of info on the HamFest
and QRP Symposium.

Remember, if you havent preregistered please send me an email letting
me know your coming and if you plan to camp.

N6WGC, Loretta Parker will make you up a personalized name tag too!

I Love this Hobby!

C U There,,,,72,,,Jerry...WA6OWR...K

What a GREAT prize list:

Red Hot rig from Dave Fifield of Red Hot Radio

<http://www.redhotradio.com/>

Norcal 20 from the Northern California QRP Club

A Compact iambic key/keyer with knee mount

from Bob Hammond of The Paddlette Company

<http://home.att.net/~goodroe/paddlette/>

SuperTICK keyer kit and a TICK-4 EMB

from Brad and Gary, the TICK guys at Embedded Research

<http://www.frontiernet.net/~embres/>

A W6MMA St. Louis Vertical from Verne Wright W6MMA

<http://www.fix.net/~jparker/w6mma.htm>

A Custom NorCal 20 Enclosure from Doug Hauff KE6RIE
of San Luis Machine and Custom Enclosures.

<http://www.fix.net/~slmachco/>

Two VE3DNL marker generators from Jay Bromley and the Ft. Smith QRP Club

<http://www.fix.net/~jparker/norcal/marker/marker.htm>

Three PK-2 keyer chips with documentation from Chuck Olson WB9KZY
at Jackson Harbor Press

<http://home.att.net/~jacksonharbor/>

A W6MMA St. Louis Vertical from Verne Wright W6MMA

<http://www.fix.net/~jparker/w6mma.htm>

A couple of NorCal shirts from Jerry Parker and the NorCal QRP Club

<http://www.fix.net/~jparker/norcal/shirt/shirt.htm>

Paul Harden NA5N on Ft. Tuthill

<http://www.fix.net/~jparker/norcal/fttuthill/paul.htm>

Jay Miller WA5WHN on Ft. Tuthill

<http://www.fix.net/~jparker/norcal/fttuthill/jay.htm>

The ScQRPions Home Brew Contest

<http://www.fix.net/~jparker/norcal/fttuthill/homebrew.htm>

The Official Ft Tuthill Page

<http://www.extremezone.com/~ki7mn/tut99.htm>

Date: Fri, 9 Jul 1999 13:57:52 -0400 (EDT)
From: Philip L Carter <pcarter@gcfn.org>
To: Richard Arland <k7sz@epix.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44695] Re: GPS Down?
Message-ID: <Pine.3.07.9907091346.A24816-81000000@acme>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Mine have been running fine.

NRE/COLE Test Center OH-3
pcarter@gcfn.org or wd8qwr@arrl.net
Philip L. Carter, WD8QWR
wd8qwr@w8cqk.#cmh.oh.usa.na

Date: Fri, 9 Jul 1999 18:00:04 +0000
From: ke4qok@att.net
To: qrp-1@lehigh.edu
Subject: [44696] Invisible Fence
Message-ID: <1999070918000422714@webmail.att.net>
MIME-Version: 1.0
Content-Type: text/plain

Does anyone have any firsthand experience with "invisible fences".

Please reply privately. If you are interested in the info I receive request copies privately and I will supply them.

Thanks all

Bob
KE4QOK

Date: Fri, 9 Jul 1999 14:05:49 EDT
From: "Jeffrey L. L. Greer" <wd4et@juno.com>
To: wong_th@eng.printronix.com
Cc: qrp-1@Lehigh.EDU
Subject: [44697] Re: "K2 Century 2K" Award
Message-ID: <19990709.142014.3958.2.wd4et@juno.com>

Hi Tedd,

The "K2 Century K2" Award is a go. It will be sponsored by the Jacksonville Qrp Group (JaQGs) No relation to the Jaguars. :}

The contacts do not have to be K2 to K2. Any K2 contact will do. So anyone can participate.

It will be a graduated award. ie. 25 K2 contacts = 1/4 Century
50 K2 contacts = 1/2 Century
100 K2 contacts = Full Century (and then multiples)

It will be on the honor system. It would be nice to have a listing of the K2 serial number, call sign of operator, and date to list on the award letter that will accompany the certificate.

The full rules and certificate are being drawn up. I'm out of town with a large work load presently, but should be back in Jax by next week.

Thanks for your interest.

73, Jeff GreerWD4ET from Jacksonville but in Tampa

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Date: Fri, 09 Jul 1999 18:40:23 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [44698] Deploying and Storing the Antenna.
Message-ID: <37864217.1B11@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good Day friends. I just wanted to share my antenna storage technique. I operate /Portable from the park every Saturday and recently they trimmed the willow trees and have to launch the 16 ounce waterbottle tied to a slipknot. I easily get 25 feet up with this technique and have gotten good at slowing the string down before the bottle would hit the ground.

I'm nonchalant when I slow the bottle after clearing the tree and gently squeeze the rope while the bottle swings under the tree toward me, right into my other hand. Secretly I'm hoping someone has just witnessed my antenna raising prowess; without turning my head, my eyes dart left and right hoping to find someone appreciating my work.... no-one...

Anyway, the point here is that I had to add about 70 feet of string to each antenna end to utilize the water bottle.

So the prospect of winding up my antenna, a modest 33 feet on each end has now become 100 feet on each end when you include the string. What to do?

OK. My antenna is back to normal. 25 feet of 300 ohm feedline soldered to each 33 foot leg of 20 AWG teflon sheathed wire. The

center insulator is made of plastic coathanger about 5 inches long. Three holes drilled in the 3/8 inch diameter plastic serves to strain relief the antenna and the feedline is fed over the plastic and through drilled holes to hold it as well. The soldered connections are fully taped using yellow transformer dielectric tape, very thin and strong teflon tape.

Storing the antenna. I had a scrap piece of wall plank. I think it was 9"x9" for covering walls. It is perfect. Cut it into about 4"x9" and is only 1/8 inch thick. Hacksaw a 1 inch, 45 degree slot into the top edge at the right and left, about 2 inches for the sides of the wood.

Place center insulator at the middle top of the plank. Wind up each end of the antenna separately. I use a 8 foot string tied to each end of the antenna wire with an insulator formed of more of the plastic coathanger. The last few inches of string is anchored in the slot. I label the plank with indelible marker "40 M" or whatever band the antenna is designed for.

The throwing lines (string) are wound in similar plank but with a "Vee" groove at each end and a small anchoring slot. Currently I unwind the amount of string needed and lay it on the ground in 10 foot lines separated by 12 inches or so. I plan to put a finishing nail in the center axis of this wood spool and perhaps a plastic tube over the nail to allow the spool to spin during unraveling.

The string at the ends of the antenna are tied into fixed 2 inch diameter loops. I have added a 1 inch piece of plastic coathanger to the loop in my throwing string. The throwing string now has a loop about 2 inch in diameter with the string threaded into two holes drilled into the plastic coathanger. When attaching to the bottle, the throwing string is made into a slip knot by simply pushing the standing part of the string into the loop and over the bottle -- the plastic coathanger serves no purpose here. After the string is over the tree and the bottle removed, the antenna end string with loop is put around the plastic coathanger on the throwing string and pulled up. Anchor the ends of the throwing string.

Always throw the bottle over the tree, toward the center of the antenna.

A lot simpler than it appears in this text :)

When done using the antenna, untie the anchors at each end of the antenna throwing strings, gently pull down on feedline and pull each

side down so you can reach the ends. Disconnect antenna ends by unlooping antenna string from around the straight coathanger catches. Wind antenna up on the wood plank, each antenna arm has its side of the plank. Anchor string ends in slots in wood. Spool feedline between the antenna lines and tuck feedline end underneath the other wire as necessary to hold it. Wind the throwing lines on their respective vee-notched spools. The 1 inch plastic catch on the throwing lines has not been a problem when pulling the line down from the tree.

Maybe this antenna technique might give someone some ideas. I sure felt silly unwinding all that string off the antenna last week. Now I only use what I need and for quick use of the antenna when I'm not raising the ends high, I don't have to unwind the throw lines all over the ground.

72 Ed WE6W

--

-Ed AR Millennium Q's=>900/2000 QRP-L#1068
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Fri, 9 Jul 1999 13:35:48 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44699] Re:Virtual Radio
Message-ID: <005201beca3a\$ca2ad070\$74e498cd@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Friday, July 09, 1999 9:49 AM
Subject: Re:Virtual Radio

Hi Brian/Ron/Gang/Lurkers :^),

>Hi Brian and all,

>

>TR Log and I think some of the other contest software do a

>good job of letting you "work" a contest "off the air".

Cool. Makes sense to me. Practice makes perfect.

>TR calls it the Simulator Mode and it will allow you to
>do several different contests.

Is BUBBA and FYBO in there? :^)

>Not quite as good as the old Dr. DX in some ways and better
>in others. Great way to learn how to use the software and
>to get the code speed up.

Too true! "Practice! Practice! Practice!" That's what my dad
(music educator) use to tell me, and it works.

>Think about this.....

>

>Dr. DX was a great program and that was well before all
>the high power chips that we have now. Very limited in
>the memory it had to work with and etc.

I'd step out on a limb here and say that the program was
written by an exceptional programmer and in 6502 assembly
language. The audio chip in the C-64 had only 4 voices, btw.

How did the background static sound, by the way? Sampled
sound on the C-64 used up "tons" of memory, so most people
went the synthesized route.

>I have been asking lots of people if they had any interest
>in making a CW "machine" a bit like the MFJ unit but that
>used real calls and real contest exchanges.

What is the MFJ unit, Ron? I get all of my ham info on the
net these days, so I don't have a clue about the MFJ unit.

>Dr. DX went to the grave because (I think) not enough people
>had C64's to use it on. And there was no "standard" OS at
>that time.

Well, I'll step out on another limb and say that there were more C-64's than IBM PC's in ham radio at that time, Ron. I remember seeing "tons" of C-64 programs and equipment in the ham rags in those days, and there were very few offerings (that I noticed) for the PC. I might have been biased toward looking for C-64 wares, but I don't think so. (shrug).

It is my belief that Dr. DX went by the wayside because a lot of people thought that it was a novel and neat idea, but they didn't see any real-world application. That would have been my first impression, and from what you are telling me it would have been wrong, but that's the way I'd look at it. I guess it only goes to prove that first impressions are everything :^).

>Now there is....or at least a large base of one OS. So
>maybe another software version of Dr. DX could make
>the dollar grade now.

It probably would, Ron, but I think it have to have a lot more functionality, and that would require tons of work. I don't mean to be pessimistic here, but the ham-radio market isn't all that huge, and tons of work plus small market equal no return on investment, be it time or money. Oh, well :^/

>But I still prefer the idea of the little "in the pocket"
>machine..... :-)

That would be pretty rad!

>There are two contests this weekend..... the IARU on
>Saturday and the ARCI on Sunday..... so much for getting
>anything done around the place!

72/73 (and to quote many an amateur on contest day:
"Gud luck in the contest." :^)

Randy Jouett, AB5NI

Date: Fri, 9 Jul 1999 14:54:30 -0400

From: Richard Powell <ripowell@mpna.com>
To: "'we6w@qsl.net'" <we6w@qsl.net>, Low Power Amateur Radio Discussion <qrp-
l@Lehigh.EDU>
Subject: [44700] RE: Deploying and Storing the Antenna.
Message-ID: <01BECA1A.F3CCFA90.ripowell@mpna.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Pichers.

I want to see pichers...

just caint kwite picher how yer doing that... too many words for a BUBBA.

73

/rick

-

Richard Powell, WB6JBM, TENTEN 13044, QRP-L 1118,
Senior Network Engineer, Belcan IT Division
MCSE, CNA.
ripowell@mpna.com <http://www.mpna.com/ripowell>

On Friday, July 09, 1999 2:40 PM, Ed Loranger [SMTP:we6w@qsl.net] wrote:

> Good Day friends. I just wanted to share my antenna storage
> technique. I operate /Portable from the park every Saturday

big clip

> I only use what I need and for quick use of the antenna when I'm
> not raising the ends high, I don't have to unwind the throw lines all
> over the ground.

>

> 72 Ed WE6W

> --

> -Ed AR Millennium Q's=>900/2000 QRP-L#1068

> 72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA

> QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Fri, 09 Jul 1999 13:14:09 -0600

From: Niel Skousen <nskousen@scientechnology.com>

To: qrp-l@lehigh.edu

Subject: [44701] FINALLY--- Going to Tuthill

Message-ID: <4.1.19990709131220.009ede40@if.scientechnology.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Well looks like after 2 yrs of trying to get to Tuthill
and Pacificon I'm going to make it !!

Final arraignments came together this morning,

CU all at Tuthill in two weeks...

Niel

Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG, NUSI WA7SSA
208.525.3742, 524.9229 FAX 529.4721 Idaho Falls ID
nskousen@scientech.com DN33wm . . . -z

Date: Fri, 09 Jul 1999 15:38:55 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [44702] Virtual whatever
Message-ID: <3.0.32.19990709153852.006f8dc4@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang... A hummingbird just stopped by to say hello outside my window.
It was real.

Life is too short to clutter things up with virtual stuff.

Granted...I trained on submarine simulators and it helped but
nothing like blowing the tanks at test depth because of a blown
valve.

Life is incredibly diversified...over 700 plants here in Ky and
242 different fish. What is here right now deserves our attention
and we don't need any stuff from any one person's brain to focus
on.

Dr DX died because , as I said, it was "like sticking your head in
the oven and whistling CQ DX"...big deal

Get on the air and talk to a real person....nuf sed

73 Pete NV4V vvvvvvv

Date: Sat, 10 Jul 1999 05:53:55 +0900
From: amr@ma.newweb.ne.jp
To: qrp-1@Lehigh.EDU
Subject: [44703] re G4ZPY Paddle
Message-ID: <19990710055378amr@ma.newweb.ne.jp>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks all,

About G4ZPY's SINGLE LEVER COMBO.
It seems that I can get an answer.

Yasuo Itoh (Nagoya, Japan)
Call: JN2AMR
QRP-L: #991
amr@ma.newweb.ne.jp

Date: Fri, 9 Jul 1999 14:11:22 -0700
From: william h ross <k6mgo@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [44704] RS SWR
Message-ID: <19990709.141123.-241563.0.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Went to my local Radio Shack (Marina Del Rey, CA) and they didn't have
the SWR Meter on closeout. BTW, the part no. is 21-553, not 21-253.
72,
Bill K6MGO

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Fri, 9 Jul 1999 17:32:01 -0700
From: "K. Babcock, N8WVD" <casey@mufn.org>
To: <qrp-l@lehigh.edu>
Subject: [44705] Tuners (901)
Message-ID: <001801beca6b\$a34d0dc0\$02da6cc6@mufn.mufn.org>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all that responded. I didn't know the wire jumper was also necessary for using balanced output.

Learn a little every day.....

Date: Fri, 9 Jul 1999 14:36:40 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'QRP-1 List Server'" <qrp-1@Lehigh.edu>
Subject: [44706] MRX-40 Schematic
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F01DE0239@hq-expo2.filenet.com>

I turned up a FAR Circuits MRX-40 board and wonder if anyone have a copy of the schematic/article lying around. I'd be more than happy to pay for postage and copying.

Thanks in advance..

Date: Fri, 9 Jul 1999 17:42:47 -0400
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-1@lehigh.edu>
Subject: [44707] mobile operation - antenna grounds
Message-ID: <003b01beca53\$fd6e1960\$ccd01004@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Again, can someone save me some grief and time? I am attempting to hook up a Hustler low band foldover antenna to my vehicle by mounting it to a 2" square trailer hitch tongue. I have a plate tucked between the ball and the tongue (don't worry, I won't pull anything this way); ball mount screwed to the plate; spring screwed into ball; foldover stick screwed into spring; resonators screwed into foldover stick.

I was hoping that the tongue would provide enough ground that I wouldn't need anything more, but it wobbles around a little with the new torque of the antenna on the hitch. My question is, will I likely need a ground strap

from the tongue to the body?

By the way, this is a company lease car which I can't drill holes in or otherwise modify. Also, it's a 1998 Grand Cherokee, if that matters. And, I'm not counting on this thing working with QRP while moving - I may just operate while parked in a park or something.

Any other mobile operating tips would be appreciated. Been a ham for almost 40 years and never did anything mobile other than 2M and 10M-converted CB's. Thanks for any replies.

Dave - K8TRF

Date: Fri, 09 Jul 1999 17:44:23 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [44708] NJQRP MTG. - RIDE SHARE?
Message-ID: <37866D37.F8B9DD12@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have half a mind (um hm) to make the 2+ hr trip... but would like company. I'll be taking I-84 from Beacon, NY (nr Poughkeepsie) to I-87, down to I-95, leaving about 7:00am. If anyone's interested, pls advise a.s.a.p. Since Doug has secreted hizzoner somewhere up thissaway, I'd be happy to extend (read beg) him to consider the invitation... but don't know how to contact him. So.... if anyone knows, pls forward for me.

THanks in advance

72

-s-

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Fri, 09 Jul 1999 17:49:49 -0400
From: Richard Arland <k7sz@epix.net>
To: qrp-l@lehigh.edu
Subject: [44709] GPS Down?
Message-ID: <37866E7D.2C5DEBD1@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I have received several replies and everybody's GPS is working but mine!!!!

Guess I'll have to call Garmin and find out if they have a software upgrade.

Tnx for all the input

RHA K7SZ

Date: Fri, 9 Jul 1999 15:06:17 -0700 (PDT)
From: "Robert P. Okas" <vintage@best.com>
To: qrp-1@lehigh.edu
Subject: [44710] Name that Key...
Message-ID: <Pine.BSF.4.10.9907091419350.27110-100000@shell14.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

I picked up a set of paddles last week that have no identification whatsoever. They're obviously not Mercury-class, but have a pretty decent feel to them. I figure someone on the list might know of their make. Here's the description:

The base appears to be steel, about 4" x 3" and painted a wrinkle black. There are 3 smallish 5-way binding posts at the back of the base; the center, common jack is black while the other two are red.

The foundation for the moving components is a red plastic material; high density and it is fastened to the top of the base. It is sort of U-shaped.

The paddle arms look like nickel plated brass. The arms are forked at the rear and the 3 'tines' encircle the two black pivot shafts. One end of the shafts rests in the red plastic foundation; the upper end is set into a cap made of, you guessed it, more red plastic stuff. This cap is attached to the foundation via a single Phillips head screw. The bottom tine of each paddle arm has a tapped hole where a screw attaches a solder lug. A wire is brought underneath the base from each red 5-way terminal to these solder lugs. Each arm has a button that contacts a small round disk which is set into the foundation.

The operator end of the arms has two red plastic paddles attached which appear to be the same material as the foundation. The arm-contact gap is

adjusted via aluminum (yes, Al) knurled screws (with knurled aluminum locking nuts) which are threaded through the uprights of the foundation. The paddle tension is adjusted via another aluminum screw which compresses a spring that is placed between the arms just behind the paddles. The paddle spacing is very narrow, I'm guessing about 1/2" at the grips.

So, anyone ever seen such a critter?

73,
Bob - W3CD

Date: Fri, 9 Jul 1999 16:14:55 -0600 (MDT)
From: n5zgt@swcp.com (Brian Mileschosky)
To: k7sz@epix.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44711] Re: GPS Down?
Message-ID: <199907092214.QAA09305@kitsune.swcp.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Guess I'll have to call Garmin and find out if they have a software
>upgrade.

Hi Richard,

GPS here in New Mexico is working just fine. I don't think you need to worry about getting a software upgrade, as that will not make your GPS receive satellites and report your position any better. If you own a Garmin, consult your operator manual and find out how you can make the receiver initialize itself, where it purges its stored almanac of satellite data (where the sats are, where they are headed, etc.) and refreshes itself with a new almanac. You most likely did this the very first time you turned it on when you bought it. This process will take anywhere from 5 to 20 minutes, so be patient, and see if it works properly afterwards.

Good luck!

72,
Brian, N5ZGT

Boy Scouts of America Amateur Radio - N5ZGT
Eagle Scout 12/6/96 ARRL QRP: NorCal #1700 QRP-L #580 AK/QRP #125
ASM - Troop 41 Worldradio Magazines's Youth Forum Columninst
Albuquerque, N.M. Packet: N5ZGT PBBS, 145.05 MHz
O.A. Lodge 66 Chief Internet: n5zgt@swcp.com
Yah-Tah-Hey-Si-Kess <-W-W-W-<

Please Visit my Homepage at: <http://www.unm.edu/~brianm>

Date: Sat, 10 Jul 1999 08:58:37 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44712] Electrostatic Shielding - Transformers
Message-ID: <37867E9D.8B72665E@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys and girls,

Does anyone have practical experience of electrostatic shielding of r.f. transformers (not the power variety) e.g. toroid or air wound i.e. shield between primary and secondary..

73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
Budgewoi N.S.W. Australia
Tel: 0011 + 61 + 2 + 4399 3228 (2200 - 0800 U.T.C.)
QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic>
URL - <http://www.qsl.net/vk2tip/>
"By definition, a government has no conscience. Sometimes it has a policy, but nothing more". - Albert Camus

End of QRP-L Digest 1513
